

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ☒ ELECTRIC LOGS ☒ WATER SANDS ☐ LOCATION INSPECTED ☐ SUB. REPORT/abd.

950815 fr Lanax 40 IN land / in lease EFF 6-29-85  
\*Work Over - 5-20-83  
temporarily Abandoned 8-23-85

4765-4781, 4785-4791, 5295-5310, 5315, 6130-6154, 6678-6688 Producing zones

DATE FILED 9-21-82

LAND: FEE &amp; PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. U-50376

INDIAN

DRILLING APPROVED: 9-21-82

SPUDDED IN: 11-18-82

COMPLETED: 12-29-82 P.O.W. PUT TO PRODUCING: 12-29-82, \* 5-20-83 FA 8-23-85 SI

INITIAL PRODUCTION: 20 BOPD, \* 10 BOPD,

GRAVITY A.P.I.

GOR:

PRODUCING ZONES: 6130-6688 green River, \* 5295-5315 GREEN RIVER (BPPV) \*

TOTAL DEPTH: 6985'

WELL ELEVATION: 5266'

DATE ABANDONED:

FIELD: WILDCAT ~~FR A.P. 1000 ft. Monument Butte Treaty Boundary~~

COUNTY: DUCHESNE

WELL NO. FEDERAL # 9-20

API NO. # 43-013-30690

LOCATION 1947

FT. FROM (X) (S) LINE,

650

FT. FROM (E) (X) LINE,

NE SE

1/4 - 1/4 SEC. 20

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Lomax Exploration Company

## 3. ADDRESS OF OPERATOR

P.O. Box 4503, Houston, Texas 77210

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface

1947' FSL &amp; 650' FEL NE/SE ✓

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

11 miles Southeast of Myton

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1947'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1847'

## 16. NO. OF ACRES IN LEASE

1705.6'

## 19. PROPOSED DEPTH

6000'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5266' GR

## 22. APPROX. DATE WORK WILL START\*

October, 1982

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300	300 sx
7 7/8	5 1/2	15.50#	TD	As needed

RECEIVED

SEP 21 1982

DIVISION OF  
OIL, GAS & MININGAPPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 9-21-82

BY: *Norman Estabrook*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*Paul Curry*

Paul Curry

TITLE

Engineering Asst.

DATE

9/20/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

T 8 S , R 17 E , S . L . B . & M .

PROJECT  
LOMAX EXPLORATION CO .

Well location , FEDERAL # 9 - 20 ,  
located as shown in the NE 1/4 SE 1/4  
Section 20 , T 8 S , R 17 E , S . L . B . & M .  
Duchesne County , Utah .

RECEIVED

SEP 21 1982

DIVISION OF  
OIL, GAS & MINING



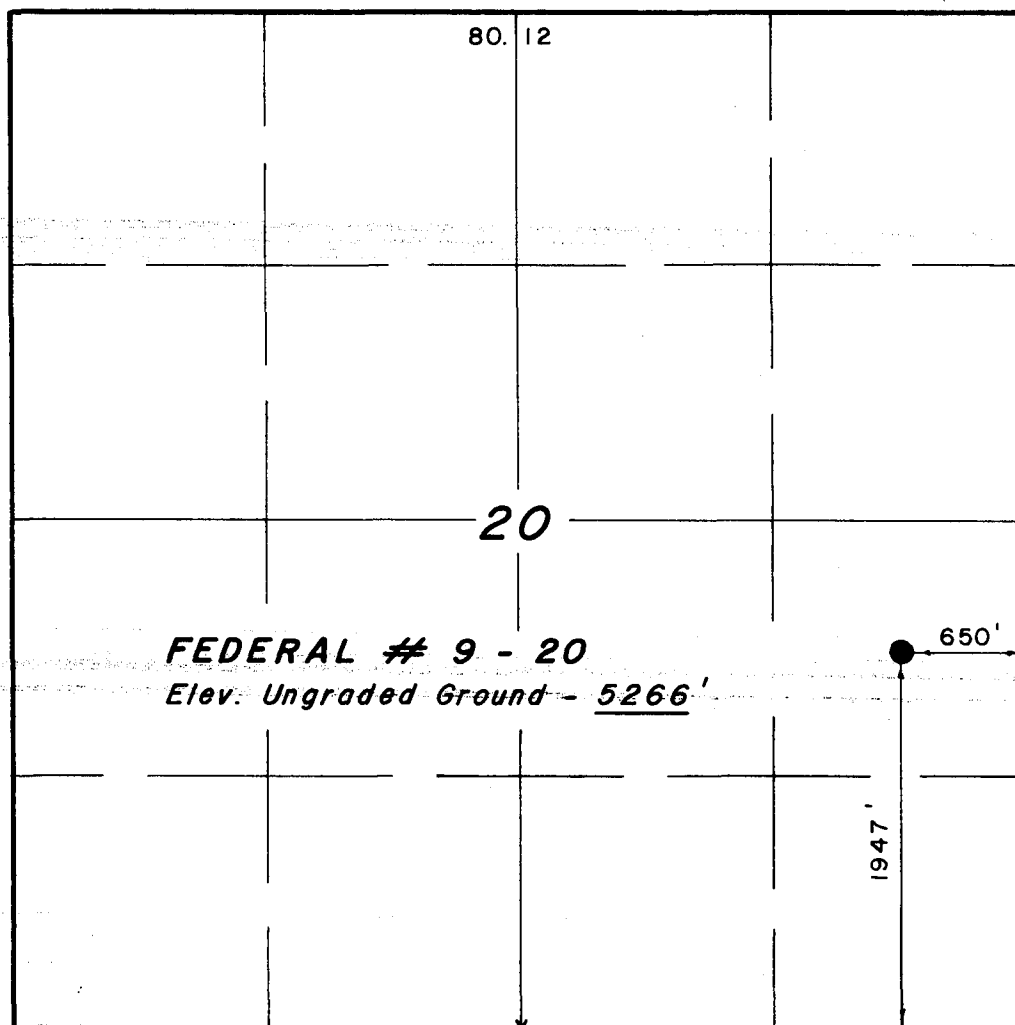
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Lawrence E. King*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3137  
STATE OF UTAH

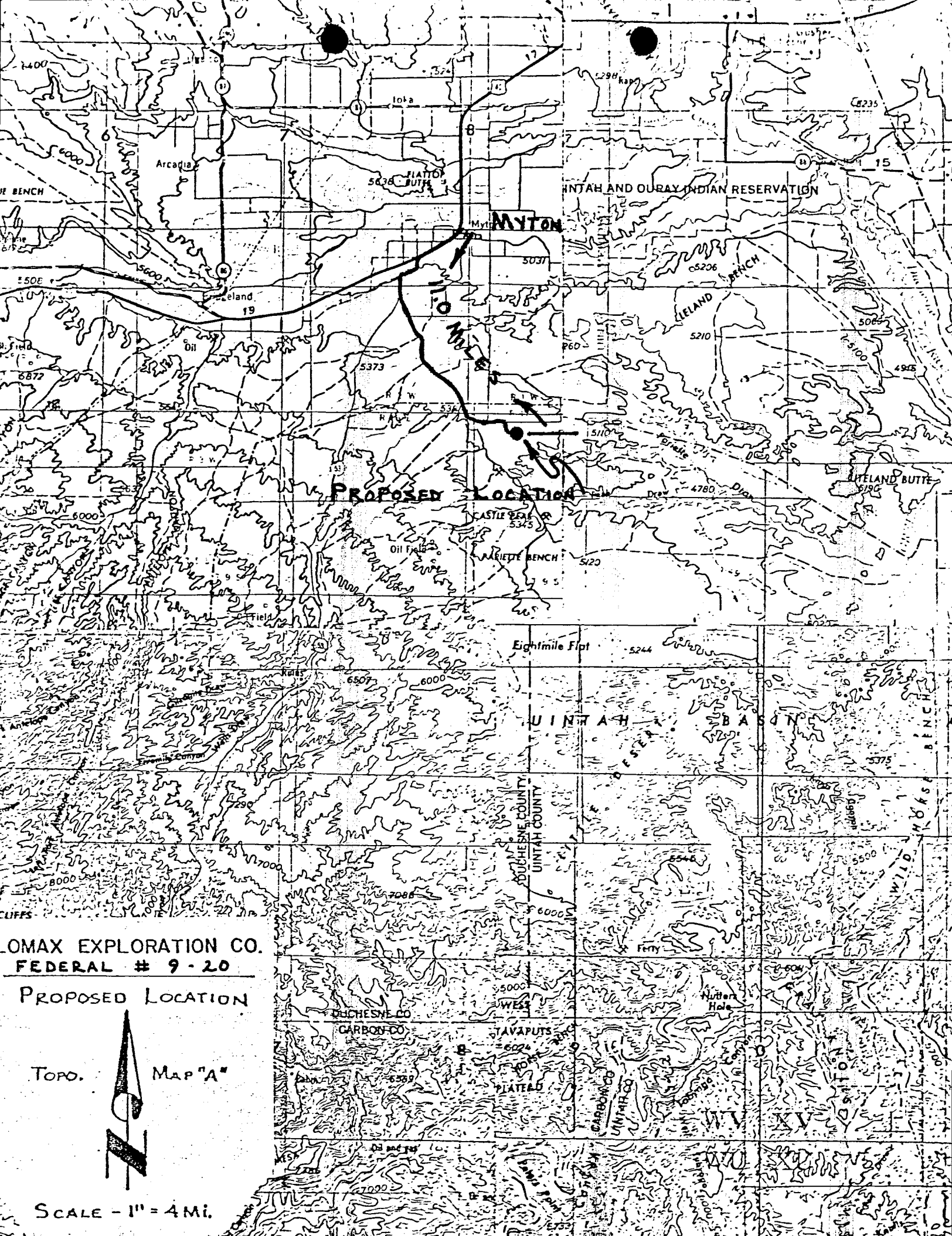
UINTAH ENGINEERING & LAND SURVEYING  
P . O . BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	9/14/82
PARTY	RK DK JF LZ	REFERENCES	GLO Plat
WEATHER	Cloudy / Rain	FILE	LOMAX



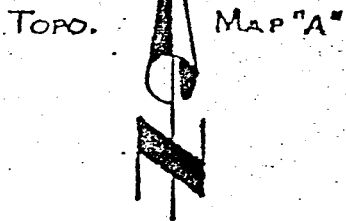
S 89° 56' W - 2651.62' (Measured)

X = Section Corners Located



OMAX EXPLORATION CO.  
FEDERAL # 9-20

PROPOSED LOCATION



SCALE - 1" = 4 MI.



OPERATOR LOMAX DATE 9-21-82

WELL NAME FED 9-20

SEC NE SE 20 T 8S R 17E COUNTY DICHESNE

43-013-30690  
API NUMBER

FED  
TYPE OF LEASE

POSTING CHECK OFF:

☒

INDEX

☒

HL

☐☒

NID

☒

PI

☐☒

MAP

☒☐

PROCESSING COMMENTS:

OK - [signature]

APPROVAL LETTER:

SPACING: ☐ A-3 \_\_\_\_\_ UNIT

☐ c-3-a \_\_\_\_\_ CAUSE NO. & DATE

☒ c-3-b

☐ c-3-c

SPECIAL LANGUAGE:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.



AUTHENTICATE LEASE AND OPERATOR INFORMATION *FED*



VERIFY ADEQUATE AND PROPER BONDING *FED*



AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.



APPLY SPACING CONSIDERATION



ORDER *No*



UNIT *No*



c-3-b

*FED 15-70 (LOMAX) SW SE SEC 20  
OK*



c-3-c

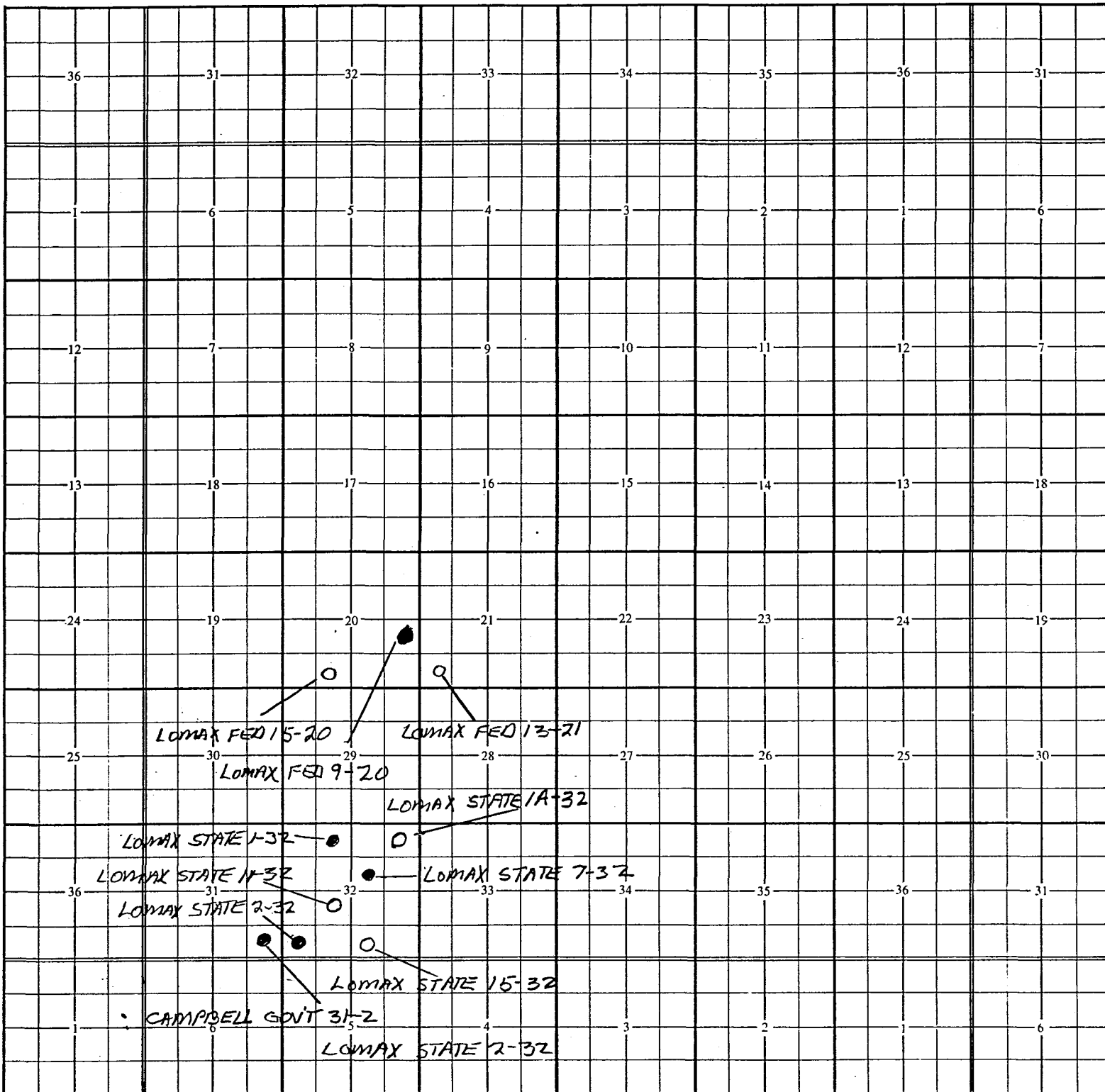


OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

# TOWNSHIP PLAT

Owner \_\_\_\_\_ Date 9-21-82

Township 85 Range 17 E County DUCHESNE



September 22, 1982

Lomax Exploration Company  
P. O. Box 4503  
Houston, Texas 77210

RE: Well No. Federal 9-20  
NESE Sec. 20, T.8S, R.17E  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Engineer  
Office: 533-5771  
Home: 571-6068

OR

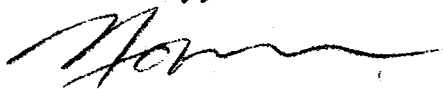
CLEON B. FREIGHT - Director  
Office: 533-5771  
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30690.

Sincerely,



Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Minerals Management Service  
Enclosure

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

MINERALS MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-50376 OIL & GAS OPERATIONS RECEIVED	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME SEP 21 1982	
2. NAME OF OPERATOR Lomax Exploration Company		7. UNIT AGREEMENT NAME SALT LAKE CITY, UTAH	
3. ADDRESS OF OPERATOR P.O. Box 4503, Houston, Texas 77210		8. FARM OR LEASE NAME Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1947' FSL & 650' FEL NE/SE At proposed prod. zone		9. WELL NO. 9-20	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 11 miles Southeast of Myton		10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1947'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 20, T8S, R17E	
16. NO. OF ACRES IN LEASE 1705.6'		12. COUNTY OR PARISH Duchesne	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1847'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5266' GR		22. APPROX. DATE WORK WILL START* October, 1982	

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300	300 sx
7 7/8	5 1/2	15.50#	TD	As needed

RECEIVED  
OCT 26 1982DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Paul Curry Paul Curry TITLE Engineering Asst. DATE 9/20/82  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY WT MontuFOR E. W. GUYNN  
TITLE DISTRICT OIL & GAS SUPERVISOR

DATE

OCT 20 1982

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPYFLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

NOTICE OF APPROVAL

State 046

## TEN POINT WELL PROGRAM

LOMAX EXPLORATION COMPANY  
Federal #9-20  
NE/SE Section 20, T8S, R17E  
Duchesne County, Utah

### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

### 2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0-2755
Green River	2755
Wasatch	5800

### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River	2755
H zone	3100 - Sand & Shale, possible oil & gas shows
J zone	4000 - Sand & Shale, oil & gas shows anticipated
M zone	5200 - Sand & Shale, primary objective - oil

### 4. PROPOSED CASING PROGRAM:

8 5/8", J-55, 24#; set at 300'  
5 1/2", J-55, 15.50#, STC; set at TD  
All casing will be new

### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be made prior to drilling surface plug and operation will be checked daily. (See exhibit A)

### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with fresh water to the "J" zone and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

No coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Induction Laterolog and a Compensated Neutron-Formation Density.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

It is not anticipated that abnormal pressures or temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S gas will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence approximately October, 1982.

LOMAX EXPLOATION

13 Point Surface Use Plan

For

Well Location

Federal #9-20

Located In

Section 20, T8S, R17E, S.L.B. & M.

Duchesne County, Utah



LOMAX EXPLOATION

Federal #9-20

Section 20, T8S, R17E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLOATION well location site Federal #9-20, located in the NE 1/4 SE 1/4 Section 20, T8S, R17E, S.L.B. & M., Duchesne County, Utah:

Proceed Westerly out of Myton, Utah along U.S. Highway 40 - 1.5 miles + to the junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 5.6 miles to its junction with an existing dirt road to the East; proceed Easterly along this road 1.8 miles to its junction with the proposed access road to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South; thereafter the road is constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintined by County crews.

The aforementioned dirt oil field service roads and other roads in the vacinity are constructed out of existng native materials that are prevalent to the existing areas they are located in and range from clays to a sandy-clay shale material.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned road leaves the existing road described in Item #1 in the NE 1/4 SE 1/4 Section 20, T8S, R17E, S.L.B. & M., and proceeds in a Southeasterly direction approximately 0.2 miles to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There may be one culvert required along this access road, it will be placed according to specifications for culvert placement found in the Oil & Gass Operation Manual.

There will be no turnouts required along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.

The lands involved in this action are privately owned and are under cultivation. The Minerals are under Federal control.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

### 3. LOCATION OF EXISTING WELLS

There is one known abandoned well and one producing well within a one mile radius of this location site.

### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There is one existing Lomax Exploration well, the Federal #13-21, within a one mile radius of this location site.

A tank battery site will be set at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing well in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

### 5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access road approximately 11 miles from the Duchesne River at a point where it crosses under U.S. Highway 40.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable chemical toilet will be provided for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

#### 11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Green River is located approximately 16 miles to the Southeast of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B").

Federal #9-20 is located approximately 300' East of the Pleasant Valley Canal which feeds water to the crop land in the area.

The terrain in the vicinity of the location slopes from the North through the location site to the South at approximately 0.5% grade.

The vegetation in the immediate area surrounding the location site consists of hay fields.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Jack Pruitt  
LOMAX EXPLORATION  
333 North Belt East, Ste. 880  
Houston, TX 77060

1-713-931-9276

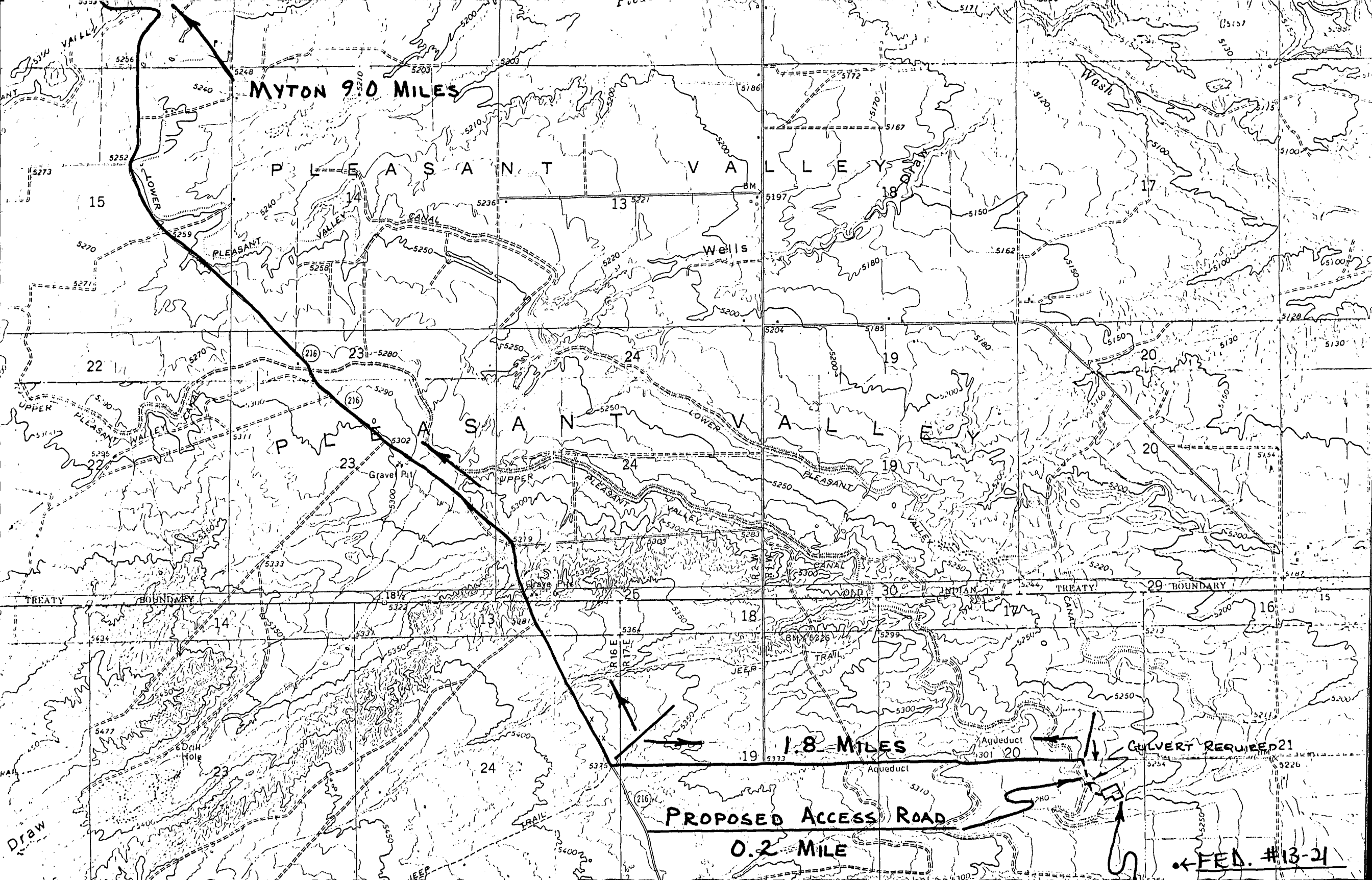
13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by LOMAX EXPLORATION and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

9-20-82Paul Curry

Paul Curry - Engineering Asst.



MYTON 9.0 MILES

P L E A S A N T V A L L E Y

P L E A S A N T V A L L E Y

PROPOSED ACCESS ROAD

0.2 MILE

1.8 MILES

← FED. #13-21

CULVERT REQUIRED

AQUEDUCT

AQUEDUCT

BM 6226

Rise in Elevation

TRAIL

JEOP

TREATY BOUNDARY

Indian

Wash

CANAL

UPPER PLEASANT VALLEY

LOWER PLEASANT VALLEY

Gravel Pit

Wells

PLEASANT VALLEY

LOWER PLEASANT VALLEY

UPPER PLEASANT VALLEY

TREATY BOUNDARY

Draw

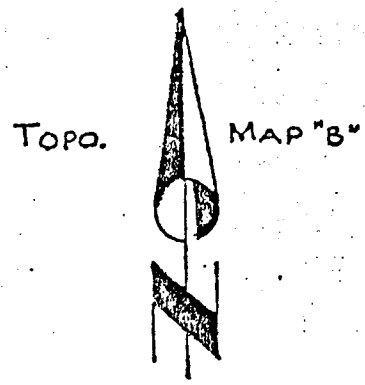
6 Drift Hole

PROPOSED LOCATION

FEDERAL # 9-20

LOMAX EXPLORATION CO.  
FEDERAL # 9-20

PROPOSED LOCATION

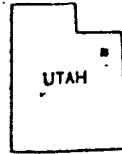


SCALE - 1" = 2000'

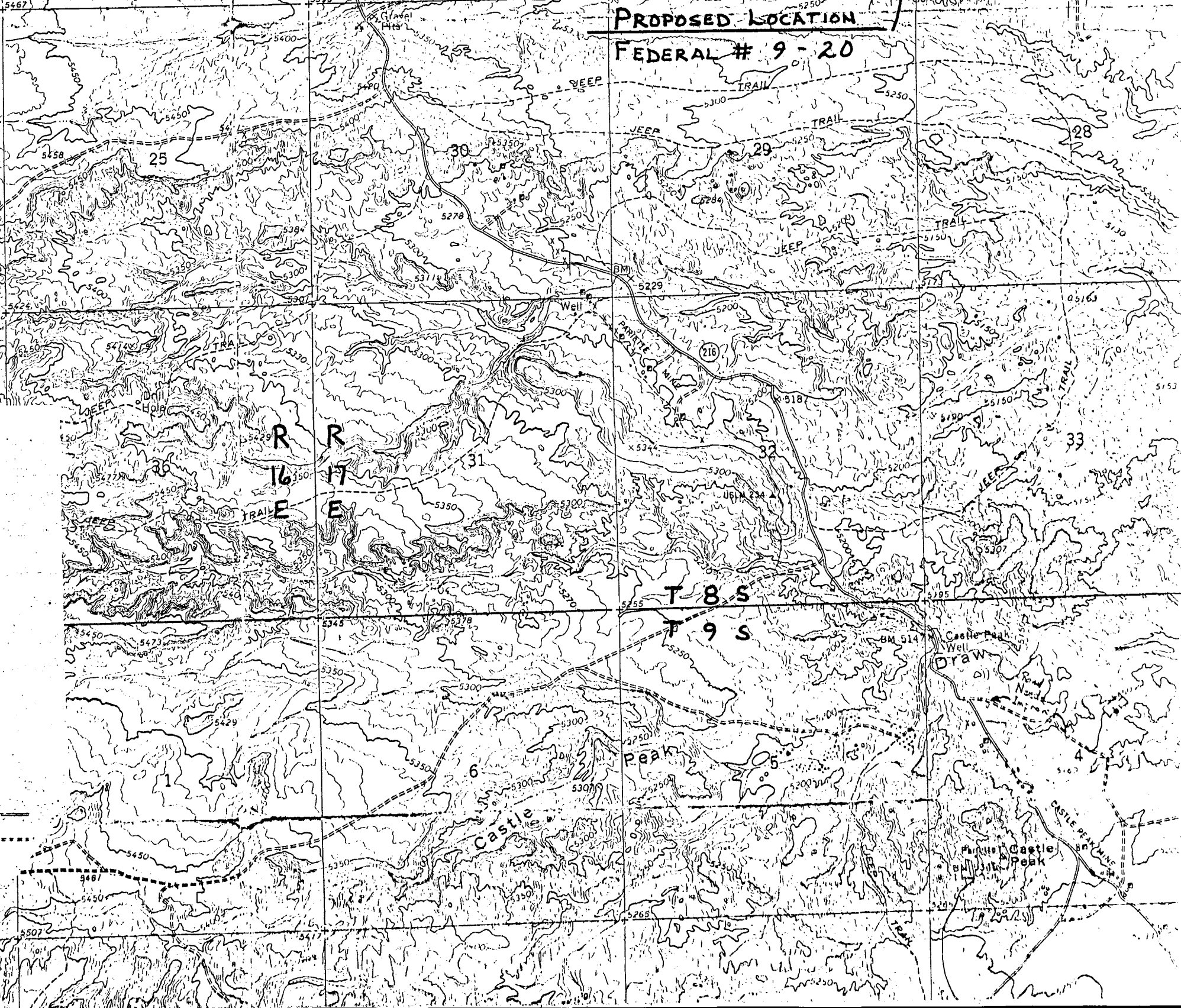
ROAD CLASSIFICATION

Heavy-duty ——— Light-duty - - - - -  
Medium-duty ——— Unimproved dirt - - - - -

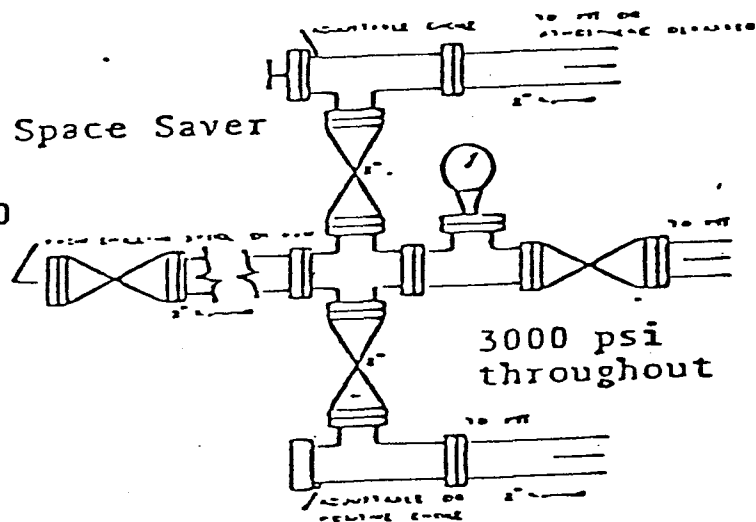
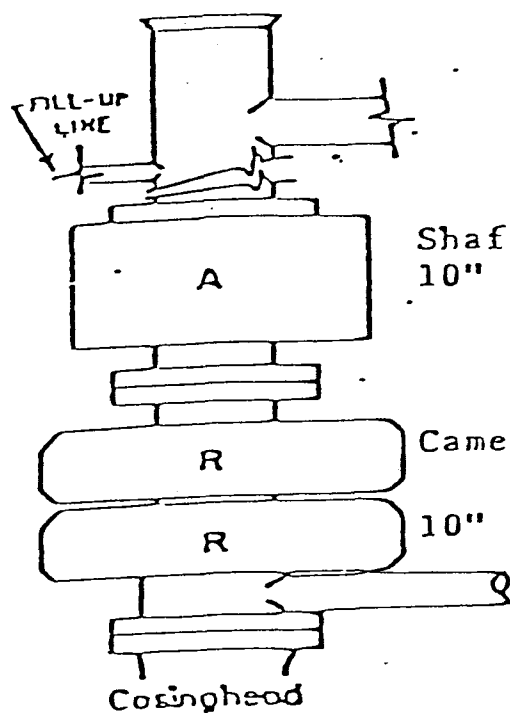
U.S. Route      State Route



QUADRANGLE LOCATION



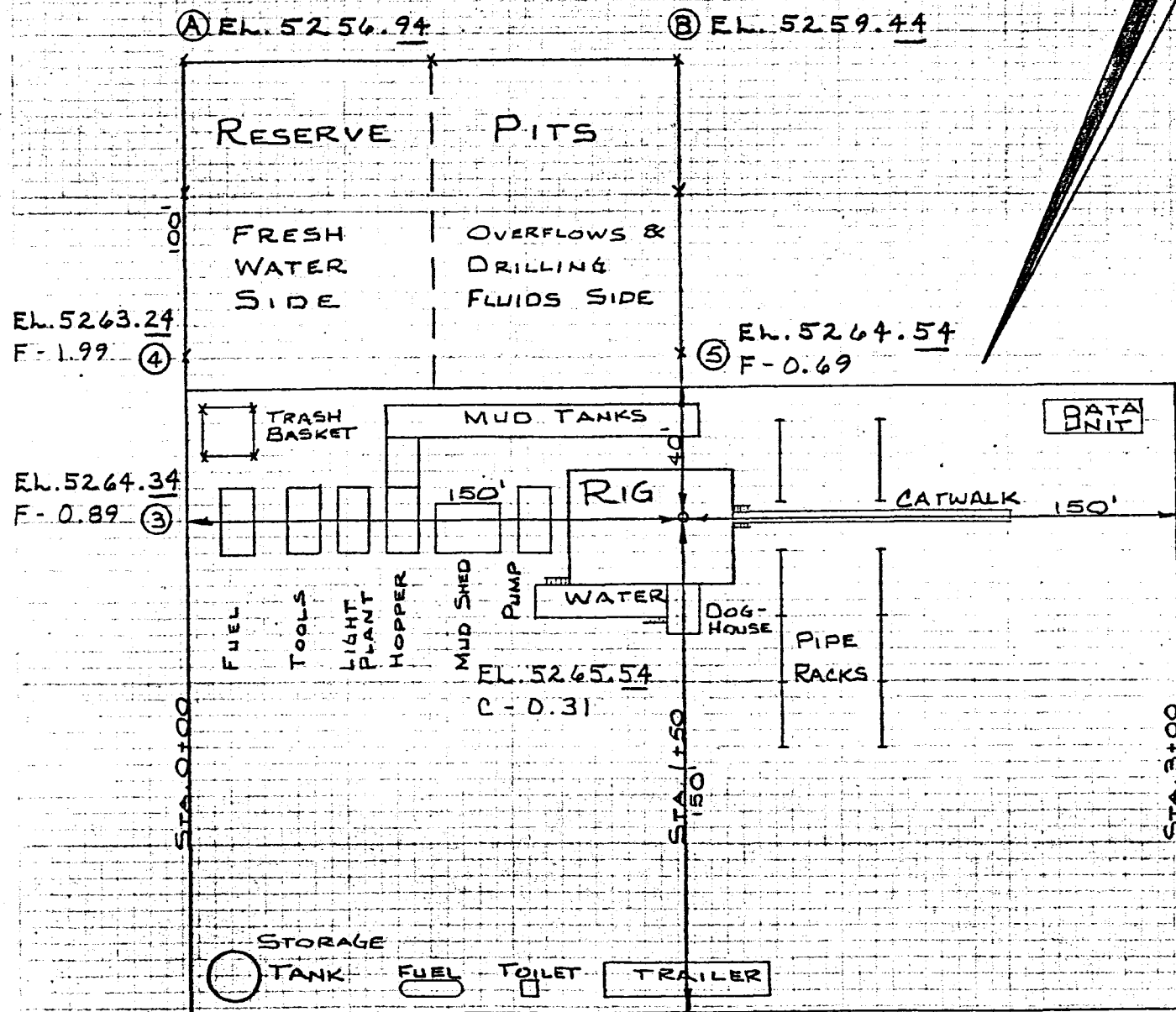




SCALE 1" = 50'

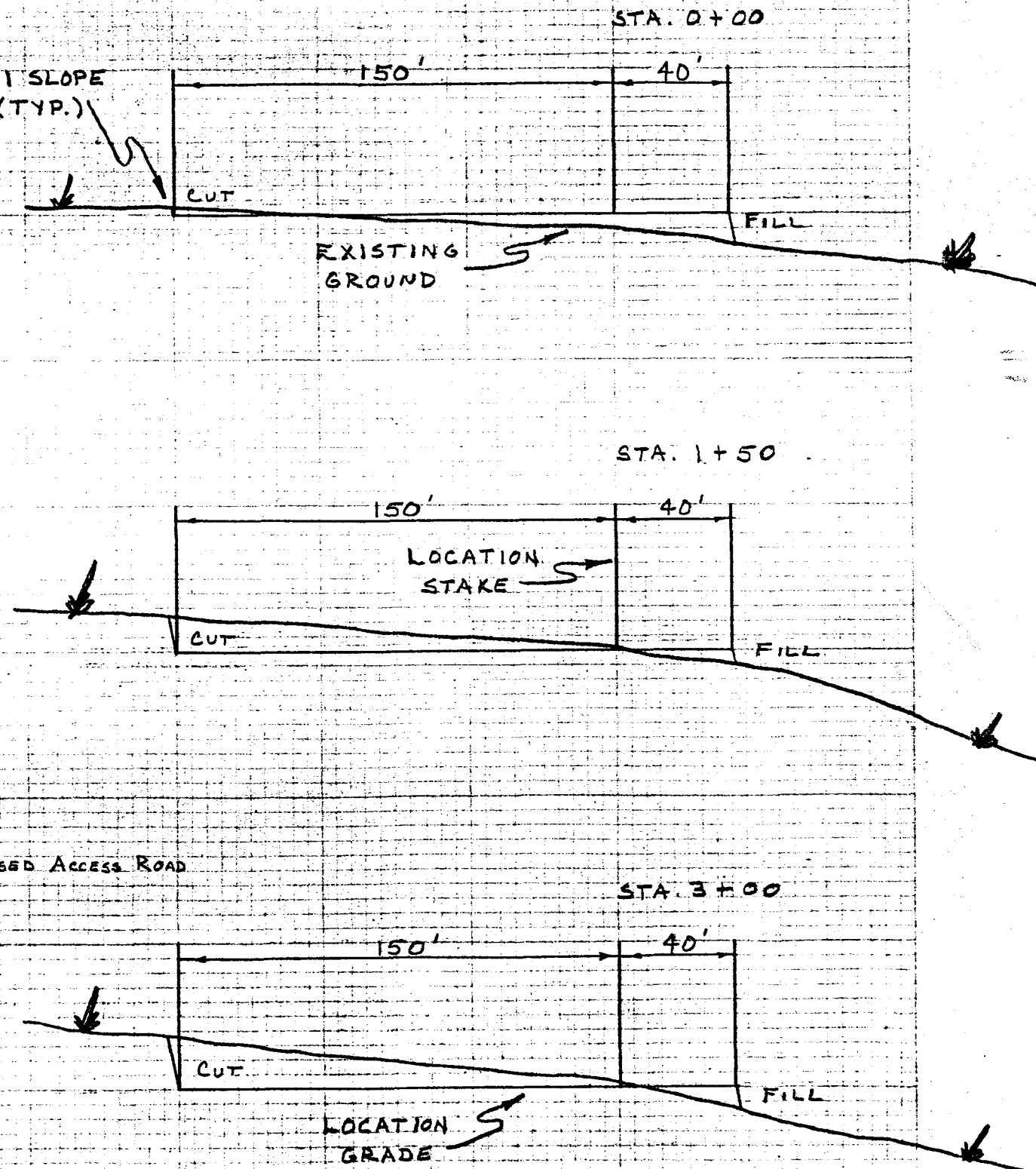
LOMAX EXPLORATION CO.

FEDERAL # 9-20



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N

1:1 SLOPE (TYP.)



PROPOSED ACCESS ROAD

SCALES

1" = 50'

APPROX. YARDAGES

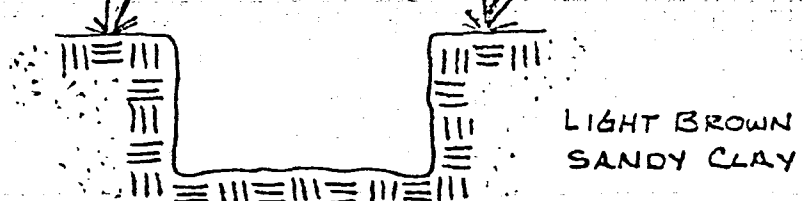
CU. YDS. CUT = 2,028

CU. YDS. FILL = 409

TOP SOIL STOCK PILE

SOILS LITHOLOGY

- NO SCALE -



LIGHT BROWN SANDY CLAY

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Lomax

WELL NAME: Federal 9-20

SECTION NESE 20 TOWNSHIP 8S RANGE 17E COUNTY Duchesne

DRILLING CONTRACTOR Westburne

RIG # 65

SPUDDED: DATE 11-18-82

TIME 2:30 AM

How Rotary

DRILLING WILL COMMENCE

REPORTED BY Michele Tisdell

TELEPHONE # 713-931-9276

DATE 11-17-82 SIGNED AS

NOTICE OF SPUD

file

Company: Lomat  
Caller: Michelle  
Phone: 713-931-9276

Well Number: 9-20

Location: Sec. 20 - 85 - 17E

County: Duchesne State: Utah

Lease Number: 24-50376

Lease Expiration Date: -

Unit Name (If Applicable): -

Date & Time Spudded: 2:30 AM 11-18-82

Dry Hole Spudder Rotary: -

Details of Spud (Hole, Casing, Cement, etc.) -

TD 4465

Rotary Rig Name & Number: Wesburne 65

Approximate Date Rotary Moves In: 11-18-82

FOLLOW WITH SUNDRY NOTICE

Call Received By: De Lois

Date: 11-22-82

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-50376

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

9-20

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

NE/SE Sec. 20, T8S, R17E

14. PERMIT NO.

43-013-30690

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5266 GR

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Spud

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

11/15/82 -Drilled 12 1/4" hole to 290' with dry hole digger. Ran 284' 8 5/8" 24# J-55 STC casing and set @ 282' below ground level. Cemented w/210 sx class "G" + 2% CaCl + 1/4#/sx flake.

Spud with Westburne rig #65 @ 2:30 A.M. 11/18/82.

18. I hereby certify that the foregoing is true and correct

SIGNED

G. L. Pruitt

TITLE V.P. Drilling &amp; Production

DATE 11/23/82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

③

9

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Lomax Exploration Company							
3. ADDRESS OF OPERATOR P.O. Box 4503, Houston, TX 77210							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1947' FSL & 650' REL NE/SE At top prod. interval reported below At total depth							
14. PERMIT NO. 43-013-30690				DATE ISSUED 9-22-82			
15. DATE SPUDDED 11/18/82		16. DATE T.D. REACHED 11/25/82		17. DATE COMPL. (Ready to prod.) 12/29/82		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5266' GR	
19. ELEV. CASINGHEAD 5266' GR		20. TOTAL DEPTH, MD & TVD 6985					
21. PLUG, BACK T.D., MD & TVD 6943		22. IF MULTIPLE COMPLEMENTS, HOW MANY* 23. INTERESTED PARTIES 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND T.D.) Green River 6130-6688'					
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN DLL-MSFL, LDT-CNL, EPT, CBL					
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well) DIVISION OF GAS & MINING					
Casing Size		Weight, LB./FT.		Depth Set (MD)		Hole Size	
8 5/8		24		282		12 1/4	
5 1/2		17		6985 KB		7 7/8	
210 sx class "G" + 2% CaCl		623 sx BJ lite & 485 sx RFC					
29. LINER RECORD				30. TUBING RECORD			
Size		Top (MD)		Bottom (MD)		Sacks Cement*	
2 7/8		6105		Packer Set (MD)		Screen (MD)	
31. PERFORATION RECORD (Interval, size and number) 6678-88 (11 shots) 6130-54 (16 shots) (Reperf w/12 shots)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 6678-88 6130-54 AMOUNT AND KIND OF MATERIAL USED 20,400 gal gelled H <sub>2</sub> O & 44,500# 20/40 sand 35,044 gal gelled H <sub>2</sub> O & 114,852# 20/40 sand			
33.* PRODUCTION							
DATE FIRST PRODUCTION 12/29/82		PRODUCTION METHOD: (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1/15/83		HOURS TESTED 24		CHOKE SIZE Open		PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 0		CASING PRESSURE 0		CALCULATED 24-HOUR RATE →		OIL—BBL. 20	
GAS—MCF. NM		WATER—BBL. NM		OIL GRAVITY-API (CORR.) NM		GAS-OIL RATIO NM	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED G.L. Pruitt		TITLE V.P. Drilling & Production		DATE January 19, 1983			

\*(See Instructions and Spaces for Additional Data on Reverse Side)



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

June 15, 1983

Lomax Exploration Company;  
P. O. Box 4503  
Houston, Texas 77210

Re: See attached page for all wells  
concerned

Gentlemen:

According to our records, a "Well Completion Report" filed with this office February 22, 1983, January 19, 1983, March 29, 1983, & May 19, 1983 (respectively), from above referred to wells, indicates the following electric logs were run: # 3-33: DLL-MSFL, CNL-FDC, GR-CBL; # 9-20: DLL-MSFL, LDT-CNL, EPT, CBL; # 2-20: DLL-GR, TDT, CNL-FDC; & # 3-15: CNL-FDL, DLL-GR, TDDT-K, GR-CBL. As of today's date, this office has not received these logs: All logs on wells # 3-33, # 9-20, # 2-20 & the DLL-GR on # 3-15.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgment should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck  
Robert R. Norman • Margaret R. Bird • Herm Olsen

an equal opportunity employer • please recycle paper

Well No. Federal # 3-33  
Sec. 33, T. 8S, R. 16E.  
Duchesne County, Utah

Well No. Federal # 9-20  
Sec. 20, T. 8S, R. 17E.  
Duchesne County, Utah

Well No. Federal # 2-20  
Sec. 20, T. 7S, R. 21E  
Uintah County, Utah

Well No. Federal # 3-15  
Sec. 15, T. 10S, R. 23E.  
Uintah County, Utah



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.m4  
9

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>								
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input checked="" type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>						
2. NAME OF OPERATOR Lomax Exploration Company													
3. ADDRESS OF OPERATOR P.O. Box 4503, Houston, TX 77210													
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1947' FSL & 650' FEL NE/SE At top prod. interval reported below At total depth													
14. PERMIT NO. 43-013-30690				DATE ISSUED 9/22/82		12. COUNTY OR PARISH Duchesne		13. STATE Utah					
15. DATE SPUDDED 11/18/82		16. DATE T.D. REACHED 11/25/82		17. DATE COMPL. (Ready to prod.) 12/29/82		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5266 GR		19. ELEV. CASINGHEAD 5266					
20. TOTAL DEPTH, MD & TVD 6985		21. PLUG, BACK T.D., MD & TVD 5637		22. IF MULTIPLE COMPL., HOW MANY* -		23. INTERVALS DRILLED BY →		ROTARY TOOLS X	CABLE TOOLS				
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Green River 5295-5315								25. WAS DIRECTIONAL SURVEY MADE NO					
26. TYPE ELECTRIC AND OTHER LOGS RUN <del>DLL-MSFL</del> LDT-CNL EPT, GBL								27. WAS WELL CORED NO					
28. CASING RECORD (Report all strings set in well)													
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED			
8 5/8		24		282		12 1/4		210 sx class "G" + 2% CaCl					
5 1/2		17		6985		7 7/8		623 sx BJ Lite & 485 sx RFC					
29. LINER RECORD									30. TUBING RECORD				
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	DEPTH SET (MD)	PACKER SET (MD)	
										2 7/8	5341		
31. PERFORATION RECORD (Interval, size and number) 5295-99 (1 SPF) 5311-15 (1 SPF)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
						DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
						5295-5315		6630 gal gelled KCl water + 12,780# 20/40 sd					
33. PRODUCTION													
DATE FIRST PRODUCTION 5/20/83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping						WELL STATUS (Producing or shut-in) Producing					
DATE OF TEST 6/8/83		HOURS TESTED 24		CHOKE SIZE Open		PROD'N. FOR TEST PERIOD →		OIL—BBL. 10		GAS—MCF. NM		WATER—BBL. NM	GAS-OIL RATIO NM
FLOW, TUBING PRESS. 0		CASING PRESSURE 0		CALCULATED 24-HOUR RATE →		OIL—BBL. 10		GAS—MCF. NM		WATER—BBL. NM		OIL GRAVITY-API (CORR.) 34	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel										TEST WITNESSED BY			
35. LIST OF ATTACHMENTS													
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records													
SIGNED		G.L. Pruitt				TITLE V.P. Drilling & Production				DATE June 20, 1983			

\*(See Instructions and Spaces for Additional Data on Reverse Side)



LOMAX  
EXPLORATION  
COMPANY

June 22, 1983

Ms. Cari Furse  
State of Utah  
Division of Oil and Gas  
4241 State Office Building  
Salt Lake City, Utah 84114

LOMAX EXPLORATION COMPANY  
Federal #3-33  
Federal #9-20  
Federal #2-20  
Federal #3-15

Dear Ms. Furse:

Please reference your letter dated June 15, 1983 in which you requested logs for the subject wells. Enclosed are copies of all logs requested excluding the EPT on the Federal #9-20 well. This log was unacceptable and refused by our Geologist.

If you need additional information, please advise.

Very truly yours,

Michele Tisdell  
Sec. Drilling & Production

MT  
Enclosures

333 North Belt East  
Mailing Address:

Suite 880  
P.O. Box 4503

Houston, Texas 77060 713/931-9276  
Houston, Texas 77210-4503

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN THE REVERSE SIDE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

6. LEASE DESIGNATION AND SERIAL NO.

U-50376

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

N/A

9. WELL NO.

See attached sheet.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA

Sec. 20 & 21, 8S-17E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR  
Lomax Exploration Company

3. ADDRESS OF OPERATOR  
50 W. Broadway, Suite 1000, Salt Lake City, Utah 84101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below)  
At surface

See attached sheet.

14. PERMIT NO

See attached sheet.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

See attached sheet.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON\*

CHANGE PLANS

Construct gas gathering system

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Construct a gas gathering system for the subject wells. The system will consist of an 8" main line and with the exception of the #7-20 Well, a 3" feeder line from each well to the main line. The #7-20 Well will have a 4" feeder. The 8" main line will tie into a compressor/gas processing plant in the SE/SE of Section 20. A 4" surface line will transport the gas from the compressor site to the lease boundary. The 3" and 4" feeder lines, as well as the 8" main line, will be buried. A 3" gas fuel line will also be buried in the same ditch. The compressor site will contain a compressor (housed), condensate storage tank or tanks, gas separator, gas processing plant and generator (housed). The compressor site will occupy approximately two (2) acres. Initial volumes of gas to be transported will be approximately 1,500 MCFD. Construction will begin upon receipt of approval. See attached plat.

RECEIVED

MAY 29 1984

DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

David D. Perkins

(This space for Federal or State office use)

TITLE District Landman

DATE May 16, 1984

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

Attached to that certain Sundry Notice dated May 16, 1984 for the Boundary Federal #7-20, #9-20, #15-20, #11-21 & #13-21 Wells on Lease U-50376.

Item 4. - Location of well:

#7-20 - 1941' FNL, 2059' FEL, Section 20, T8S-R17E  
#9-20 - 1947' FSL, 650' FEL, Section 20, T8S-R17E  
#15-20 - 509' FSL, 1994' FEL, Section 20, T8S-R17E  
#11-21 - 1915' FSL, 2076' FWL, Section 21, T8S-R17E  
#13-21 - 515' FSL, 517' FWL, Section 21, T8S-R17E

Item 9. - Well No.:

Boundary Federal #7-20  
Boundary Federal #9-20  
Boundary Federal #15-20  
Boundary Federal #11-21  
Boundary Federal #13-21

Item 14. - Permit No.:

#7-20 - 43013-30750  
#9-20 - 43013-30690  
#15-20 - 43013-30667  
#11-21 - 43013-30752  
#13-21 - 43013-30665

Item 15. - Elevations:

#7-20 - 5279 GR  
#9-20 - 5266 GR  
#15-20 - 5288 GR  
#11-21 - 5240 GR  
#13-21 - 5258 GR

A N . 1 V A L L E Y

RIZE

TBS

7-203" Buried  
4" Buried

8" Buried, 2" Buried

3" Buried (2)

15-20

11-21

13-21

COMPRESSOR  
SITE

4" SURFACE

S. 44° 14' E - 2047 31'

Draw

Peak

Castle

Castle

Peak



August 29, 1985

RECEIVED

SEP 5 1985

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078

DIVISION OF OIL  
GAS & MINING

Re: Federal #9-20  
Sec. 20, T8S, R17E  
Duchesne County, Utah

Gentlemen:

Please find enclosed the original and two (2) copies of notice to temporarily abandon the subject well.

Please advise if you need additional information.

Sincerely,

Cheryl Cameron  
Secretary, Drilling & Completion

cc: State of Utah  
Natural Resources  
Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-50376

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

#9-20

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 20, T8S, R17E

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Lomax Exploration Company

3. ADDRESS OF OPERATOR

P.O. Box 4503 Houston, Texas 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)  
At surface

1947' FSL & 650' FEL NE/SE

14. PERMIT NO.

43-013-30690

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5266' GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) Temporarily abandoned ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☒

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The above subject well has been temporarily abandoned as of 8/23/85,  
until further evaluation.

18. I hereby certify that the foregoing is true and correct

SIGNER J.R. Schaefer J.R. Schaefer TITLE District Manager

DATE 8/29/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 12, 1986

TO: Well File Memo

FROM: J.R. Baza *LRB*

RE: Well No. Federal 9-20, Sec.20, T.8S, R.17E,  
Duchesne County, Utah

The well file contains insufficient information to determine if the well is properly temporarily abandoned or not. The operator has submitted a Sundry Notice dated August 29, 1985, indicating that the well was temporarily abandoned on August 23, 1985. It is likely that a temporary plug has been set and the designation of TA may be appropriate; however, the operator should be requested to submit written verification of the existence of a plug. The well file should remain in TA status for the present time, until this has been adequately verified.

sb  
0265T-46





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 27, 1986

Lomax Exploration Company  
P.O. Box 4503  
Houston, Texas 77210

Gentlemen:

Re: Well No. Federal #9-20 - Sec. 20, T. 8S, R. 17E  
Duchesne County, Utah - API No. 43-013-30690

In order to determine if the referenced well is a temporarily abandoned well, it is necessary that the condition of the well bore comply with the requirements of Rule 315 (i) of the Oil and Gas Conservation General Rules.

A records review of the well file indicates that insufficient information is available to determine where, or if, temporary plugs have been set. Please provide sufficient information as to the condition of the well, to determine if any interval open to the well bore has been properly sealed with a cement plug or bridge plug, and if the well bore is isolated to prevent migration of fluids through or out of it.

Your response by July 18, 1986 will be appreciated, and should be addressed to:

Division of Oil, Gas & Mining  
Attention: Suspense File - Norm Stout  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Respectfully,

Norman C. Stout  
Records Manager

ts  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
Well File  
Suspense File

0413/16

# Lomax



RECEIVED  
JUL 10 1986

July 9, 1986

DIVISION OF  
OIL, GAS & MINING

State of Utah  
Natural Resources  
Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Ste. 350  
Salt Lake City, UT 84180-1203

RE: Boundary Federal #9-20  
Sec. 20, T8S, R17E  
Duchesne County, Utah  
API #43-013-30690

Dear Sir:

The above referenced well has the following intervals perforated:

4765'-4781', 4785'-4791', 5294'-5298', 5310'-5315',  
6130'-6154', 6678'-6688'

Tubing is set at 5272' with a rod pump and sucker rods also set in the tubing. Because some of these zones exist in other surrounding wells and the potential for some type of secondary recovery efforts, no plans exist to set plugs in the well bore at this time.

If I can be of further assistance, please advise.

Very truly yours,

John D. Steuble  
Production Manager

JDS/tkb

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL  
(Other instructions  
verse side)

111902

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

U-50376

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Boundary Federal

9. WELL NO.

#9-20

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 20, T8S, R17E

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

OIL ☒ WELL GAS ☐ WELL OTHER ☐ Temporarily Abandoned

2. NAME OF OPERATOR

LOMAX EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

50 West Broadway, Ste. #1200, Salt Lake City, UT 84101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)

At surface

1947' FSL & 650' FEL NE/SE

14. PERMIT NO.

43-013-30690

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5266' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Temporarily Abandoned

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The subject well was temporarily abandoned on 8/23/85 due to uneconomical production rates. Further extension is requested due to economical reasons. Permanent abandonment is pending further evaluation.

NOV 17 1986

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Production Technician

DATE 11/13/86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE

OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Federal approval of this action  
is required before commencing  
operations.

\*See Instructions on Reverse Side

DATE 11-17-86

BY: [Signature]

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Note to well records staff:

11-24-86

The attached document requests a well status of Temp. urban for the referenced well. Because of the differences between DOGM well status categories and those defined by the BLM or other agencies and because of the various reasons operators choose to categorize wells in certain ways, we should neither acknowledge this well status nor require any other information from the operator. The well status which will be shown in DOGM records (well file, turnaround document, etc.) is shut-in. If additional information or verification of this well status is necessary, please contact me or R.J. before initiating any written or verbal contact with the operator.

John Baza

Lomax Exploration Company

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149



May 14, 1991

RECEIVED

MAY 15 1991

DIVISION OF  
OIL GAS & MINING

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
ATTN: ED FORESMAN

RE: Boundary Federal #9-20  
NE/SE Sec. 20, T8S, R17E  
Duchesne County, Utah  
Lease #U-50376


Dear Mr. Foresman:

As per our phone conversation, please find enclosed a "Sundry Notice and Reports on Wells" for the above referenced location.

After receiving your verbal approval over the phone, we are setting the frac tank today.

Please call me if you have any questions or need further information.

Sincerely,

  
Kebbie Jones  
Production Secretary

cc: State of Utah  
Division of Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center - Suite #350  
Salt Lake City, Utah 84180-1203

/kj

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.  
U-50376

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐ Temporarily Abandoned

2. NAME OF OPERATOR  
Lomax Exploration Company

3. ADDRESS OF OPERATOR  
P.O. Box 1446 Roosevelt, Utah 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1947' FSL & 650' FEL NE/SE

14. PERMIT NO.  
43-013-30690

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5266' GR

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Boundary Federal

9. WELL NO.  
#9-20

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 20, T8S, R17E

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) Repair Well Head

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator is hereby requesting approval to set a frac tank to be used as a pressure blow down. The well head needs repairs and there is no production facilities on location.

RECEIVED

MAY 15 1991

DIVISION OF  
OIL GAS & MINING

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 5-11-91  
BY: J. D. Matthews

18. I hereby certify that the foregoing is true and correct

SIGNED Brad Meckham

TITLE Regional Prod. Mgr.

DATE 5/14/91

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

N0580

## LOMAX TEST REPORT

Month of November 1987

Well Name	TEST				CURRENT MONTH (bbls oil)			Next Month <sup>2</sup> Ceiling
	Date	BOPD	MCFD <sup>1</sup>	GOR	Production Ceiling	Actual Production	Over (Under)	
43-013-30670.50w 8517E 20 Boundary Federal #9-20	Temporarily Abandoned							
8517E 20 43-013-30667.50w #15-20	Temporarily Abandoned							
43-047-31272 POW 1521E 8 Brennan Bottom #15-8	11-25-87	7	1	171	NA	NA	NA	NA
43-013-30756 POW 554W 2 Brundage Canyon #16-2	11-10-87	5	44	8784	NA	NA	NA	NA
554W 15 43-013-30842 POW #14-15	11-06-87	4	33	7904	NA	NA	NA	NA
554W 16 43-013-30841 POW #16-16	11-03-87	8	12	1536	NA	NA	NA	NA
554W 21 43-013-30829 POW #8-21	11-18-87	34	182	5360	868	790	(78)	800
554W 22 43-013-30755 POW #4-22	11-16-87	20	31	1514	NA	NA	NA	NA
S. Brundage Can. #4-27	11-05-87	61	97	1578	NA	NA	NA	NA
554W 29 43-013-30964 POW #1-29	11-13-87	7	5	816	NA	NA	NA	NA
554W 30 43-013-30948 POW #1-30	11-09-87	4	4	1024	NA	NA	NA	NA
43-013-30873 POW 9516E 23 Castle Peak Fed. #6-23	11-01-87	16	20	1250	NA	NA	NA	NA
9516E 23 43-013-30662 POW #7-23	11-01-87	9	28	3111	NA	NA	NA	NA
8517E 23 43-047-31543 POW #9-23	11-01-87	5	9	1800	NA	NA	NA	NA
9516E 24 43-013-30588 POW #12-24	SHUT-IN							
43-013-30933 POW 554W 19 S. Cottonwood R. #1-19	11-07-87	29	18	631	NA	NA	NA	NA
554W 20 43-013-30966 POW #1-20	11-05-87	24	14	604	NA	NA	NA	NA
43-013-30861 POW 454W 9 Coyote Canyon #10-9	SHUT-IN							
455W 12 43-013-30922 POW #16-12	SHUT-IN							

- . Flared or Vented
- . Incorporates GOR formula & over/under amount

Signature: [Signature]Title: Production TechnicianDate: 12-18-87

Lomax Exploration Company

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149



RECEIVED

NOV 15 1991

DIVISION OF  
OIL GAS & MINING

November 13, 1991

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Attention: Ed Forsman

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
Attention: Dan Jarvis

Boundary Federal #9-20  
NE/SE Sec 20, T8S, R17E  
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notices and Reports on Wells" subsequent report showing the results of a casing integrity test and requesting an extension of temporary abandonment status for the above referenced well.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

Brad Mecham  
Regional Production Manager

/ln

Enclosure



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on  
verse side)

Form approved  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-50376

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Boundary Federal

9. WELL NO.

#9-20

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 20, T8S, R17E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐ Temporarily Abandoned

2. NAME OF OPERATOR

Lomax Exploration Company

3. ADDRESS OF OPERATOR

P.O. Box 1446, Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1947' FSL 650' FEL NE/SE

14. PERMIT NO.

43-013-30690

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5266' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) Temporarily Abandoned ☒

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On 10/4/91 Lomax Exploration Company conducted a casing integrity test on the Boundary Federal #9-20 in the presence of the BLM as follows:

Fill the casing w/KCL water

Pressured the casing to 500# - held for 30 minutes.

Flow tested the well from 10/28/91 - 11/10/91 (14 days). The well made 114 bbls of oil and 50 bbls of water.

The subject well was temporarily abandoned on 8/23/85 due to uneconomical production rates. Further extension is hereby requested due to economical reasons. This well is being evaluated for secondary recovery.

RECEIVED

NOV 15 1991

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Brad Mechem

TITLE Regional Production Mgr.

DATE 11/13/91

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 1 of 4

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

KEBBIE JONES  
 LOMAX EXPLORATION COMPANY  
 PO BOX 1446  
 ROOSEVELT UT 84066

UTAH ACCOUNT NUMBER: N0580

REPORT PERIOD (MONTH/YEAR): 6 / 95

AMENDED REPORT ☐ (Highlight Changes)

Well Name API Number      Entity      Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ CASTLE PK FED 12-24 4301330588 02650 09S 16E 24	GRRV			U15855		
✓ FEDERAL 9-23 4301330654 02655 09S 16E 23	GRRV			"		
✓ FEDERAL 13-21 4301330665 02660 08S 17E 21	GRRV			U50376		
✓ FEDERAL #1-1 4301330571 02685 09S 16E 1	GRRV			<del>U40652</del>	U72104	Lease Segregated
✓ BOUNDARY FEDERAL 7-20 4301330750 08407 08S 17E 20	GRRV			U50376		
✓ BOUNDARY FEDERAL 9-20 4301330690 08408 08S 17E 20	GRRV			"		
✓ BOUNDARY FEDERAL 15-20 4301330667 08409 08S 17E 20	GRRV			"		
✓ CASTLE PEAK FED 6-23 4301330873 09700 09S 16E 23	GRRV			U15855		
✓ WELLS DRAW STATE 7-36 4301330934 09730 08S 15E 36	GRRV			ML21835		
✓ PLEASANT VALLEY #1 4301330394 10520 08S 16E 21	GRRV			U071572A	SL-071572A	
✓ JENSEN #1 4301316208 10521 08S 16E 21	GRRV			SL071572A		
✓ LAMBERT FEDERAL #1 4301316207 10522 08S 16E 22	GRRV			U065914	SL-065914	
✓ FEDERAL 6-33 4301330747 10628 08S 16E 33	GRRV			U34173		
<b>TOTALS</b>						

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

**Lomax Exploration Company**

A subsidiary of Inland Resources Inc.



July 13, 1995

State of Utah Department of Natural Resources  
Attention: Ms Becky Pritchett  
355 W. North Temple  
3 Triad Center, Suite 400  
Salt Lake City, Utah 84180-1204

**RE: Corporate Name Change**

Dear Sir or Madame:

Effective July 1, 1995, Lomax Exploration Company will have taken the steps necessary to change its name to **Inland Production Company**. A Certificate issued by the Texas Secretary of State evidencing the name change is attached for your files. We have also attached to this letter those Utah State leases (Exhibit "B") and wells (Exhibit "A") affected by this name change. We have attempted to provide a complete list from the records we have. The intent is to include all leases and wells that Lomax Exploration Company operates or has an interest in.

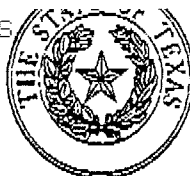
Riders changing the Principal from Lomax Exploration Company to Inland Production Company under Nationwide Oil and Gas Bond # 4488944 for Lomax Exploration Company will be furnished to the State of Utah in the very near future.

Please amend your records by substituting Inland Production Company in place of Lomax Exploration Company on the leases and wells listed on the attached exhibits. In the future we will begin submitting notices and permits for new operations after July 1, 1995 in the name of Inland Production Company.

Should a fee be required or should you need further information or documents relating to our name change please contact the undersigned at your convenience at the following number: (303) 292-0900 or Cheryl Cameron at our Roosevelt, Utah office (801) 722-5103.

Sincerely yours,

Chris A Potter, CPL  
Manager of Land



# The State of Texas

Secretary of State  
JUNE 30, 1995

MIKE PARSONS...GLAST, PHILLIPS & MURRAY  
2200 ONE GALLERIA TWR, 13355 NOEL RD, LB48  
DALLAS, TX 75240-6657

RE:  
INLAND PRODUCTION COMPANY  
CHARTER NUMBER 00415304-00

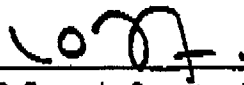
IT HAS BEEN OUR PLEASURE TO APPROVE AND PLACE ON RECORD YOUR ARTICLES OF AMENDMENT. A COPY OF THE INSTRUMENT FILED IN THIS OFFICE IS ATTACHED FOR YOUR RECORDS.

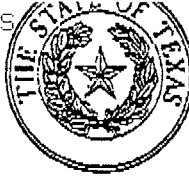
THIS LETTER WILL ACKNOWLEDGE PAYMENT OF THE FILING FEE.

IF WE CAN BE OF FURTHER SERVICE AT ANY TIME, PLEASE LET US KNOW.

VERY TRULY YOURS,



  
Antonio O. Garza, Jr., Secretary of State



# The State of Texas

## Secretary of State

### CERTIFICATE OF AMENDMENT

FOR

INLAND PRODUCTION COMPANY

FORMERLY

LOMAX EXPLORATION COMPANY  
CHAPTER NUMBER 00415304

THE UNDERSIGNED, AS SECRETARY OF STATE OF THE STATE OF TEXAS,  
HEREBY CERTIFIES THAT THE ATTACHED ARTICLES OF AMENDMENT FOR THE ABOVE  
NAMED ENTITY HAVE BEEN RECEIVED IN THIS OFFICE AND ARE FOUND TO  
CONFORM TO LAW.

ACCORDINGLY THE UNDERSIGNED, AS SECRETARY OF STATE, AND BY VIRTUE  
OF THE AUTHORITY VESTED IN THE SECRETARY BY LAW, HEREBY ISSUES THIS  
CERTIFICATE OF AMENDMENT.

DATED JUNE 29, 1995

EFFECTIVE JUNE 29, 1995



  
Antonio O. Garza, Jr., Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
LOMAX EXPLORATION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas

JUN 29 1995

Corporations Section

Pursuant to the provisions of Part Four of the Texas Business Corporation Act, the undersigned corporation adopts the following articles of amendment to its Articles of Incorporation:

1. Name. The name of the corporation is LOMAX EXPLORATION COMPANY.
2. Statement of Amendment. The amendment alters or changes Article One of the original Articles of Incorporation to read in full as follows:

"Article One. The name of the corporation is INLAND PRODUCTION COMPANY."

3. Shareholders. The number of shares of the corporation outstanding at the time of such adoption was 205,315, there being 107,546 Common Shares and 97,769 Non-voting Preferred Shares; and the number of shares entitled to vote thereon was 107,546.

4. Adoption by Shareholders. Only the holders of Common Shares of the corporation are entitled to vote on the amendment. The shareholders adopted the foregoing amendment by unanimous written consent dated June 23, 1995, pursuant to the provisions of Article 9.10 of the Texas Business Corporation Act and, therefore, no notice was required to be delivered under said Article 9.10.

5. Adoption by Board of Directors. The Board of Directors adopted said amendment by a consent in writing signed by all Directors.

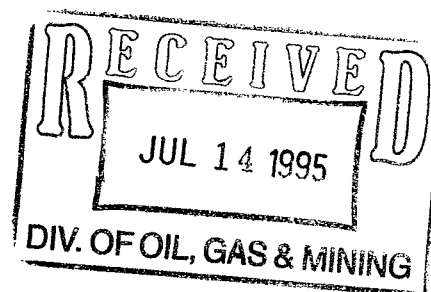
6. Future Effective Date. This amendment will become effective on July 1, 1995, at 12:01 a.m.

EXECUTED June 26, 1995.

  
\_\_\_\_\_  
Kyle R. Miller, President

Lomax Exploration Company

A subsidiary of Inland Resources Inc.



*Announcing*  
*Our Name Change*

*From*

**Lomax Exploration Company**

*To*

**Inland Production  
Company**

*\* N 5160 assigned 7/26/95. Lee*

*Field And Corporate Office Locations Remain The Same:*

Corporate Office:

Inland Resources Inc.

475 Seventeenth Street, Suite 1500

Denver, CO 80202

Field Office:

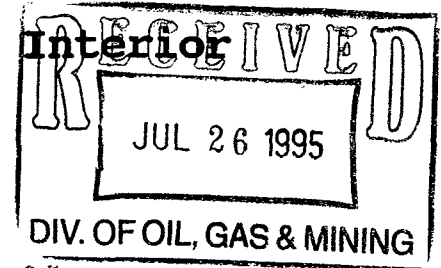
W. Pole Line Road

P.O. Box 1446

Roosevelt, Utah 84066

United States Department of the Interior  
BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155



IN REPLY REFER TO:  
3100  
SL-065914 et al  
(UT-923)

JUL 25 1995

NOTICE

Inland Production Company : Oil and Gas Leases  
475 Seventeenth St., Ste. 1500 : SL-065914 et al  
Denver, Colorado 80202 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Lomax Exploration Company to Inland Production Company on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

For our purposes, the name change is recognized effective June 29, 1995 (Secretary of State's approval date).

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Lomax Exploration Company to Inland Production Company on Bond No. 4488944 (BLM Bond No. UT0056). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name should be furnished to this office. BLM Bond Nos. MT0771 and WY0821 should also be changed for the bonds held by Montana and Wyoming respectively.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral  
Leasing Adjudication

Enclosure  
1-Exhibit (1 p)

cc: Hartford Accident & Indemnity Co.  
Hartford Plaza  
Hartford, CT 06115

bc: Moab District Office  
Vernal District Office  
Montana State Office  
Wyoming State Office  
Eastern States Office  
MMS--Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217  
State of Utah, Attn: Lisha Cordova, Division of Oil, Gas & Mining,  
355 West North Temple, 3 Triad Center, Suite 350, SLC, UT 84180  
Teresa Thompson (UT-922)  
Dianne Wright (UT-923)



**EXHIBIT**

SL-065914	U-36846	UTU-66185
SL-071572A	U-38428	UTU-67170
U-02458	U-45431	UTU-68548
U-15855	U-47171	UTU-69060
U-16535	U-50376	UTU-69061
U-26026	U-62848	UTU-72103
U-34173	UTU-65965	UTU-72104
U-36442	UTU-66184	UTU-73088

FAX COVER SHEET



475 17th Street, Suite 1500  
Denver, CO 80202  
303-292-0900, Fax #303-296-4070

DATE: August 8, 1995

TO: Lisha Cordova

COMPANY: State of Utah - Division of Oil, Gas and Mining

FAX NUMBER: 801 359 3940

FROM: Chris A Potter

NUMBER OF PAGES: 1 (INCLUDING COVER SHEET):

---

RE: Transfer of Authority to Inject  
Lomax Exploration Company to Inland Production Company

I hope the info I sent to you August 1st was acceptable regarding our name change and your phone call to me last week.....

If there is anything missing or you need additional info, please let me know. I am located in our Denver office.....

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

Routing: (GIL)	
1-INC 7-PL	✓
2-LWP 8-SJ	✓
3-DTS 9-FILE	✓
4-VLC	✓
5-RJF	✓
6-LWP	✓

- ☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

(MERGER)

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-29-95)

TO (new operator) INLAND PRODUCTION COMPANY  
(address) PO BOX 1446  
ROOSEVELT UT 84066  
KEBBIE JONES  
phone ( 801 ) 722-5103  
account no. N 5160

FROM (former operator) LOMAX EXPLORATION COMPANY  
(address) PO BOX 1446  
ROOSEVELT UT 84066  
KEBBIE JONES  
phone ( 801 ) 722-5103  
account no. N 0580

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>013-30690</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 7/14/95)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- Sec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) no If yes, show company file number: \_\_\_\_\_ (7-28-95)
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (7-31-95)
- LWP 6. Cardex file has been updated for each well listed above. 8-16-95
- Sec 7. Well file labels have been updated for each well listed above. 8-23-95
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (7-31-95)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (~~Fee wells only~~) *Trust Lands Admin. / Rider or Repl. in Progress.*

- N/A See 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- \_\_\_ 2. A copy of this form has been placed in the new and former operators' bond files.
- \_\_\_ 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_. Today's date \_\_\_\_\_ 19\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_.

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- OTS 2. Copies of documents have been sent to State Lands for changes involving State leases.  
8/23/95 sent to Ed Bonner

### FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: August 30 1995.

### FILING

- \_\_\_ 1. Copies of all attachments to this form have been filed in each well file.
- \_\_\_ 2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

950726 BLM/SL Aprv. eff. 6-29-95.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator  
**Inland Production Company**

3. Address and Telephone No.  
**P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NE/SW  
Sec. 20, T8S, R17E**

5. Lease Designation and Serial No.

**U-50376**

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

**Boundary Federal #9-20**

9. API Well No.

**43-013-30690**

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**Duchesne, UT**

**12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment

☒ Recompletion

☐ Plugging Back

☐ Casing repair

☐ Altering Casing

☐ Other **Frac**

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

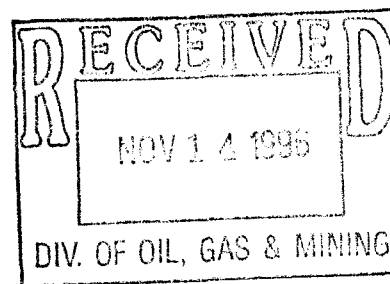
**WEEKLY STATUS REPORT FOR WEEK OF 10/29/96 - 11/6/96:**

**Frac GB-6 sd w/ 73,200# 20/40 sd in 453 bbls gel**

**(Perfs @ 4765'-4781' & 4785'-4791')**

**RIH w/ production string**

**ON PRODUCTION 11/6/96**



14. I hereby certify that the foregoing is true and correct

Signed **Cheryl Cameron**

Title **Regulatory Compliance Specialist**

Date **11/11/96**

(This space of Federal or State office use.)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF INLAND	:	ACTION
PRODUCTION COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-189
THE BOUNDARY FEDERAL 7-20,	:	
9-20, 15-20, 5-21, 7-21 AND 9-21	:	
WELLS LOCATED IN SECTIONS 20	:	
AND 21, TOWNSHIP 8 SOUTH,	:	
RANGE 17 EAST, S.L.M.,	:	
DUCHESNE COUNTY, UTAH, AS	:	
CLASS II INJECTION WELLS	:	

---ooOoo---

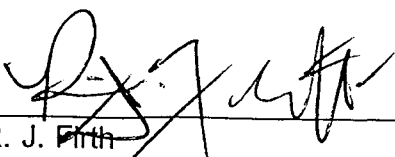
THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Boundary Federal 7-20, 9-20, 15-20, 5-21, 7-21 and 9-21 wells, located in sections 20 and 21, Township 8 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures. The wells are located within the Boundary Waterflood Unit area (Cause No. 225-1) which was approved by the Board of Oil, Gas and Mining on August 4, 1992. Selective intervals in the Green River Formation as specified in the board order will be perforated for water injection. The maximum authorized injection pressure and rate will be determined by means of a step-rate test at the time of conversion.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 22nd day of January 1997.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

  
\_\_\_\_\_  
R. J. Firth  
Associate Director, Oil & Gas



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

January 22, 1997

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-189

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Lorraine Platt  
Secretary

Enclosure



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

January 22, 1997

Newspaper Agency Corporation  
Legal Advertising  
Tribune Building, Front Counter  
143 South Main  
Salt Lake City, Utah 84111

Re: Notice of Agency Action - Cause No. UIC-189

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Larraine Platt  
Secretary

Enclosure



Inland Production Company  
Boundary Federal 7-20, 9-20, 15-20, 5-21, 7-21 and 9-21 Wells  
Cause No. UIC-189

Publication Notices were sent to the following:

Inland Production Company  
P. O. Box 1446  
Roosevelt, Utah 84066

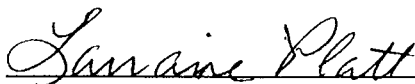
Inland Production Company  
P.O. Box 790233  
Vernal, Utah 84078

Newspaper Agency Corporation  
Legal Advertising  
Tribune Building, Front Counter  
143 South Main  
Salt Lake City, Utah 84111

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

Vernal District Office  
Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078

U.S. Environmental Protection Agency  
Region VIII  
Attn. Dan Jackson  
999 18th Street  
Denver, Colorado 80202-2466



Lorraine Platt

Secretary

January 22, 1997

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

*SUBMIT IN TRIPLICATE*

## 1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

## 2. Name of Operator

**Inland Production Company**

## 3. Address and Telephone No.

**P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866**

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NE/SE  
Sec. 20, T8S, R17E**

## 5. Lease Designation and Serial No.

**U-50376**

## 6. If Indian, Allottee or Tribe Name

## 7. If unit or CA, Agreement Designation

## 8. Well Name and No.

**Boundary Federal #9-20**

## 9. API Well No.

**43-013-30690**

## 10. Field and Pool, or Exploratory Area

**Monument Butte**

## 11. County or Parish, State

**Duchesne, UT**

## 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☒ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☐ Other \_\_\_\_\_
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☒ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directly drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**Inland Production Company requests authorization to convert the Boundary Federal #9-20  
from a producing well to a Class II Injection well.**

## 14. I hereby certify that the foregoing is true and correct

Signed

**Cheryl Cameron**

Title

**Regulatory Compliance Specialist**

Date

**8/1/97**

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

143 SOUTH MAIN ST.  
P.O. BOX 45838  
SALT LAKE CITY, UTAH 84145  
FED. TAX I.D.# 87-0217663

# Newspaper Agency Corporation

The Salt Lake Tribune



DESERET NEWS

CUSTOMER'S  
COPY

## PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL, GAS & MINING 1594 W NORTH TEMPLE STE # 1210 SALT LAKE CITY UT 84114	D5385340L-07	01/30/97

OFFICE COPY

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL1R8200271
SCHEDULE	
START 01/30/97 END 01/30/97	
CUST. REF. NO.	
UIC-189	
CAPTION	
NOTICE OF AGENCY ACTION CAUSE N	
SIZE	
46 LINES 2.00 COLUMN	
TIMES	RATE
1	1.64
MISC. CHARGES	AD CHARGES
.00	150.88
TOTAL COST	
150.88	

NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-189  
BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF INLAND PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE BOUNDARY FEDERAL 7-20, 9-20, 15-20, 5-21, 7-21 AND 9-21 WELLS LOCATED IN SECTIONS 20 AND 21, TOWNSHIP 8 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Boundary Federal 7-20, 9-20, 15-20, 5-21, 7-21 and 9-21 wells, located in Sections 20 and 21, Township 8 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures. The wells are located within the Boundary Waterflood Unit area (Cause No. 225-1) which was approved by the Board of Oil, Gas and Mining on August 4, 1992. Selective intervals in the Green River Formation as specified in the board order will be perforated for water injection. The maximum authorized injection pressure and rate will be determined by means of a step-rate test at the time of conversion.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 22nd day of January, 1997.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
R. J. Fifth  
Associate Director, Oil & Gas  
1R820020

## AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF NOTICE OF AGENCY ACTION CAUSE N FOR DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 01/30/97 END 01/30/97

SIGNATURE

DATE 01/30/97

NOTARY PUBLIC  
JOANNE MOONEY  
2003 Hartford St.  
Salt Lake City, UT 84108  
My Commission Expires  
March 31, 2000  
STATE OF UTAH

**THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"**  
**PLEASE PAY FROM BILLING STATEMENT.**

**INLAND PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**BOUNDARY FEDERAL #9-20**  
**AREA PERMIT NO. UT-2702-00000**  
**LEASE NO. U-50376**  
**JULY 31, 1997**

RECEIVED  
AUG 19 1957  
DIV. OF OIL, GAS & MINING

OPERATOR Inland Production Company  
ADDRESS P.O. Box 790233 Vernal, UT 84079

Comments:

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1) Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2) A request for agency action for authority for the injection of gas, liquefied petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:

2.1. *The name and address of the operator of the project;*

**Answer:** Inland Production Company  
P.O. Box 1446  
W. Poleline Road  
Roosevelt, Utah 84066

2.2. *A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-quarter mile radius of the project area;*

**Answer:** Reference Exhibit "A".

2.3. *A full description of the particular operation for which approval is requested;*

**Answer:** To approve the conversion of the Boundary Federal #9-20 from a producing oil well to a water injection well in the Boundary area in the Monument Butte Field; and to approve the installation of an injection line. The line would leave the injection facility from the Boundary Federal #15-20, and proceed easterly approximately 1300'  $\pm$ , to the proposed Boundary Federal #9-20 injection well. The proposed injection line would be a 3" coated steel pipe, buried 5' below surface and would provide injection water to the Boundary Federal #9-20, from our existing water injection line. Reference Exhibit "B".

2.4. *A description of the pools from which the identified wells are producing or have produced;*

**Answer:** The proposed injection well will inject into the Green River Formation.

2.5. *The names, description and depth of the pool or pools to be affected;*

**Answer:** The Green River Formation pool targeted for injection is the BG, CP, D-2, and the GG sands with a gamma ray derived top @ 4765'. The injection zone is a porous and permeable lenticular calcareous sandstone. The porosity of the sandstone is intergranular. The confining impermeable stratum directly above at ( 4530',) and below at (4816') the injection zones are composed of tight, moderately calcareous lacustrine shale.

2.6. *A copy of a log of a representative well completed in the pool;*

**Answer:** Referenced log Boundary Federal #9-20 is currently on file with the Utah Division of Oil, Gas & Mining.

- 2.7. *A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily;*

**Answer:** Culinary water from Johnson Water District supply line.

Estimated Injection Rate:	Estimated Average	300 BPD
	Estimated Maximum	1000 BPD

- 2.8. *A list of all operators or owners and surface owners within a one-quarter mile radius of the proposed project;*

**Answer:** Reference Exhibit "C".

- 2.9. *An affidavit certifying that said operators or owners and surface owners within a one-quarter mile radius have been provided a copy of the petition for injection;*

**Answer:** Reference Exhibit "D".

- 2.10. *Any additional information the Board may determine is necessary to adequately review the petition.*

**Answer:** Inland will supply any additional information requested by the Utah Division of Oil Gas & Mining Board.

- 4.0. *Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the board after notice and hearing or by administrative approval.*

**Answer:** This proposed injection well is within the Boundary area in the Monument Butte Field and the request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE  
AND ENHANCED RECOVERY WELLS  
SECTION V - RULE 615-5-2**

- 1) Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2) The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:

- 2.1. *A plat showing the location of the injection well, all abandoned or active wells within a one-quarter mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-quarter mile radius of the proposed injection well;*

**Answer:** Reference Exhibits "A" and "C".

- 2.2. *Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity;*

**Answer:** All logs are on file with the Utah Division of Oil Gas & Mining.

- 2.3. *A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented;*

**Answer:** A copy of the cement bond log is on file with the Utah Division of Oil, Gas & Mining

- 2.4. *Copies of log already on file with the Division should be referenced, but need not to be refiled.*

**Answer:** All copies are on file with the Utah Division of Oil, Gas & Mining.

- 2.5. *A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well;*

**Answer:** The casing program is 8-5/8" 24# J-55 surface casing run to 292', and the 5 1/2" casing from surface to 6985'. A casing integrity test will be conducted at time of conversion. Reference Exhibits "E-1" through "E-5".

- 2.6. *A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.*

**Answer:** Culinary water from Johnson water line at our pre approved Boundary supply line. Reference Exhibit "B". Estimated Injection Rate:

Average	300 BPD
Maximum	1000 BPD

- 2.7. *Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.*

**Answer:** A standard laboratory analysis of (1) the fluid to be injected (Johnson water), (2) the fluid in the formation into which the fluid is being injected, and (3) the compatibility of the fluids. Reference Exhibits "F-1" through "F-3"



- 2.8. *The proposed average and maximum injection pressures;*

**Answer:** Proposed average and maximum injection pressures;

The proposed average and maximum injection pressure for the Boundary Federal #9-20, averages approximately .74 psig/ft.

- 2.9. *Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata;*

**Answer:** The frac gradient for the Boundary Federal #9-20, for existing zones (4765'-6688') averages approximately .74 psig/ft. The maximum injection pressures will be kept below this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. Reference Exhibit "G-1 through "G-3."

Proposed Maximum Injection Pressure:  $P_m = [.74 - (.433)(1.006)] \quad 4765'$   
 $P_m = 2096$

- 2.10. *Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent;*

**Answer:** In the Boundary Federal #9-20, the injection zone is in the BG, CP, D-2, and the GG sands (4765'-6688') contained within the Douglas Creek member of the Green River Formation. The reservoir is a very fine grain sandstone with minor interbedded shale streaks. The top of the Douglas Creek Member, estimated at approximately 5211'. The estimated average porosity is 14%; the estimated fracture pressure is 2096# psi.

The confining stratum directly above the injection zone is the Garden Gulch Mkr of the Green River Formation @ 4530'. The strata confining the injection zone is composed of tight, moderately calcareous sandy lacustrine shale. All of the confining strata is impermeable and it will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it. Maps and cross sections to the Boundary area are on file with the Division of Oil, Gas & Mining.

- 2.11. *A review of the mechanical condition of each well within a one-quarter mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals;*

**Answer:** Exhibits "E-1" through "E-5".

The injection system will be equipped with high and low pressure shut-down devices which will automatically shut-in injection waters if a system blockage or leakage occurs. One way check valves will also insure proper flow management. Relief valves will also be utilized for high pressure relief.

- 2.12. *An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-quarter mile radius of the proposed injection well;*

**Answer:** Exhibit "D".

- 2.13 *Any other additional information that the Board or Division may determine is necessary to adequately review the application.*

***Answer:*** Inland Production Company will await review of this application and additional information will be submitted if required.

- 3) Applications for injection wells which are within a recovery project area will be considered for approval.
  - 3.1. Pursuant to Rule 615-5-1-3
  - 3.2. Subsequent to Board approval of a recovery project pursuant to Rule 615-5-1-3.
- 4) Approval of an injection well is subject to the requirements of Rule 615-5-4, if the proposed injection interval can be classified as an USDW.
- 5) In addition to the requirements of this section, the provisions of Rule 615-3-1, R615-3-4, R615-3-24, R615-3-32, R615-8-1 and R615-10 apply to all Class II injection wells.

**INLAND PRODUCTION COMPANY**

**Boundary Federal #9-20  
NE/SE Sec. 20, T8S, R17E  
Duchesne County, Utah**

**PLUGGING & ABANDONMENT PLAN**

The plugging and abandonment plan consists of the following plugs:

- PLUG #1:** Set 150' balanced plug inside 5 ½" csg from 3850' - 3700'. Circ well to 2200' w/ 9.2 PPG fluid.
- PLUG #2:** Set 150' balanced plug inside 5 ½" csg from 2400'-2250'. Circ well to 320' w/ 9.2 PPG fluid.
- PLUG #3:** RIH w/ perforation. Perf 2' @ 2 spf 50' below the surface csg shoe @ 348'. RIH w/ tbg to 50' above the surface csg shoe @ 348'. RIH w/ tbg to 50' above the surface csg shoe @ 248', circulate cmt to surface, circ to surface w/ 9.2 PPG plugging gel.
- PLUG #4:** 10 sx plug @ surface.
- Install dry hole marker & restore location.

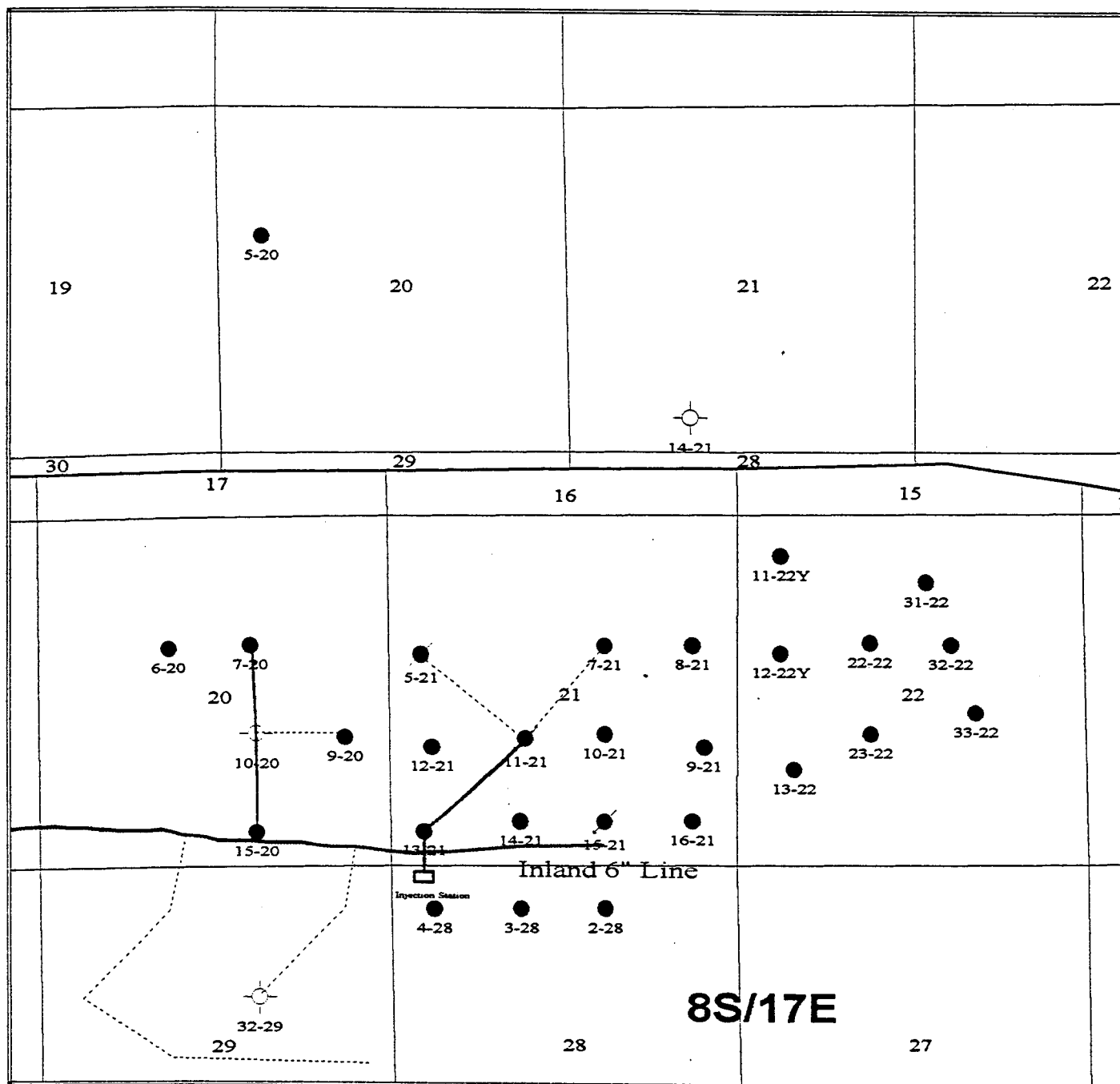


EXHIBIT "A"

**Legend**

- Existing Well
- ⚡ Existing Injector
- Water Line
- - - Proposed Water Line

**Inland**  
Inland Injection System  
Boundary Unit  
Duchenne County, Utah

475 17<sup>th</sup> Street Suite 1500  
Denver, Colorado 80202  
Phone: (303) 292-0900

Date: 6/4/97 J.A.

BOUNDARY  
DUCHESNE COUNTY, UTAH  
MINERAL RIGHTS



U-50376

Proposed Injector

6480



6-20

6900



7-20

6858



5-21

20

6400



10-20

6983



9-20

7800



12-21

6910



15-20

5752



13-21

LESSEE: ELMER & LEE MOON  
(GRAZING RIGHTS ONLY)

EXHIBIT "B"

Legend



PRODUCING WELL



EXISTING  
INJECTION WELL



DRY HOLE

BOUNDARY FEDERAL 9-20 6983 TD

# EXHIBIT B

Page 2

Tract	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights Grazing Rights Leased by
1	Township 8 South, Range 17 East Section 17: All Section 18: Lots 1 & 2 Section 19: E/2, SW/4 Section 20: All Section 21: NW/4, S/2	U-50376 HBP	Inland Production Company	(Surface Rights) USA Inland Resources Inc. Pride Lane Farms Brad Lee Nelson Joann H. Nelson Ethan Lee Nelson Louise M. Nelson Mt. Olympus Realty Inc. Stephen Horne Nancy Horne George K. Prothero  (Grazing Rights) Lee Moon Elmer Moon

## EXHIBIT "C"

Tract	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights Grazing Rights Leased by
1	Township 8 South, Range 17 East Section 17: All Section 18: Lots 1 & 2 Section 19: E/2, SW/4 Section 20: All Section 21: NW/4, S/2	U-50376 HBP	Inland Production Company	(Surface Rights) USA Inland Resources Inc. Pride Lane Farms Brad Lee Nelson Joann H. Nelson Ethan Lee Nelson Louise M. Nelson Mt. Olympus Realty Inc. Stephen Horne Nancy Horne George K. Prothero  (Grazing Rights) Lee Moon Elmer Moon

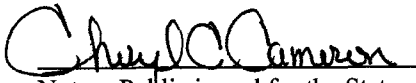
EXHIBIT "D"

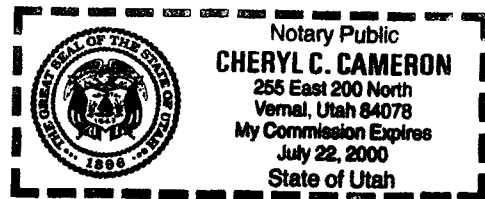
RE: Application for Approval of Class II Injection Well  
Boundary Federal #9-20.

I certify that a copy of the application has been provided to all surface owners within a one-quarter mile radius of the proposed injection well.

  
INLAND PRODUCTION COMPANY  
Brad Mecham  
District Manager

Sworn to and subscribed before me this 18 day of August 1997.

  
Notary Public in and for the State of Utah





## Boundary Federal #9-20

Wellbore Diagram

## Well History:

11-18-82	Spud Well
11-13-82	Perf: 6,678'-6,688'
11-25-83	Frac BGR zone as follows: Totals 20,400 gal, 44,500# 20/40 sd Max TP 3,500 @ 20 BPM Avg TP 3,100 @ 25 BPM ISIP 2,360, after 5 min 2,300
12-10-82	Perf: 6,130'-6,154'
12-11-82	Frac CP-1 zone as follows: Totals 36,000 gal, 115,000# 20/40 sd Avg TP 1,900 ISIP 3,700, after 5 min 2,750
3-23-83	Perf: 5,295'-5,315'
	Frac D-2 zone as follows: Totals 22,500 gal, 63,500# 20/40 sd Avg TP 2,300
10-14-83	Perf: 4,765'-4,791'
	Frac GB-6 zone as follows: Totals 1,500 gal Max TP 5,500 @ 0 BPM Avg TP 4,000 @ 8 BPM
11/3/96	Frac GB-6 sand as follows: 73,200# of 20/40 sand in 453 bbls of Boragel. Breakdown @ 2149 psi. Treated @ avg rate of 20 bpm w/avg press of 1950 psi. ISIP-2326 psi, 5- min 2293 psi. Flowback on 12/64" ck for 4 hrs and died.
11/6/96	PLACE WELL BACK ON PRODUCTION

GL: 5,266'

Surface Hole Size: 12 1/4"

Hole Size: 7 7/8"

Rods: 59 - 3/4" scapered, 181 - 3/4" plain  
rods

8-5/8" Surface CSG @ 292'

Cement Top @ 4,630'

5-1/2" J-55 CSG @ 6,985'

2-7/8" 6.5 J-55 TBG @ 6,202'

Perf's: 4,765'-81', 4,785-91'(GB-6)

Perf's: 5,295'-99', 5,311'-15'(D-2)

Tubing Anchor @ 6,104'

SN @ 6,170'

Perf's: 6,130'-54'(CP-1)

Perf's: 6,678'-88'(BGR)

PBTD @ 6,942'

TD @ 6,985'



Inland Resources Inc.

Boundary Federal #9-20

1947 FSL 650 FEL

NESE Section 20-T8S-R17E

Duchesne Co, Utah

API #43-013-30690; Lease #U-50376

## Boundary Federal #9-20

## Well History:

11-18-82 Spud Well

11-13-82 Perf: 6,678'-6,688'

11-25-83 Frac BGR zone as follows:  
Totals 20,400 gal, 44,500# 20/40 sd  
Max TP 3,500 @ 20 BPM  
Avg TP 3,100 @ 25 BPM  
ISIP 2,360, after 5 min 2,300

12-10-82 Perf: 6,130'-6,154'

12-11-82 Frac CP-1 zone as follows:  
Totals 36,000 gal, 115,000# 20/40 sd  
Avg TP 1,900  
ISIP 3,700, after 5 min 2,750

3-23-83 Perf: 5,295'-5,315'

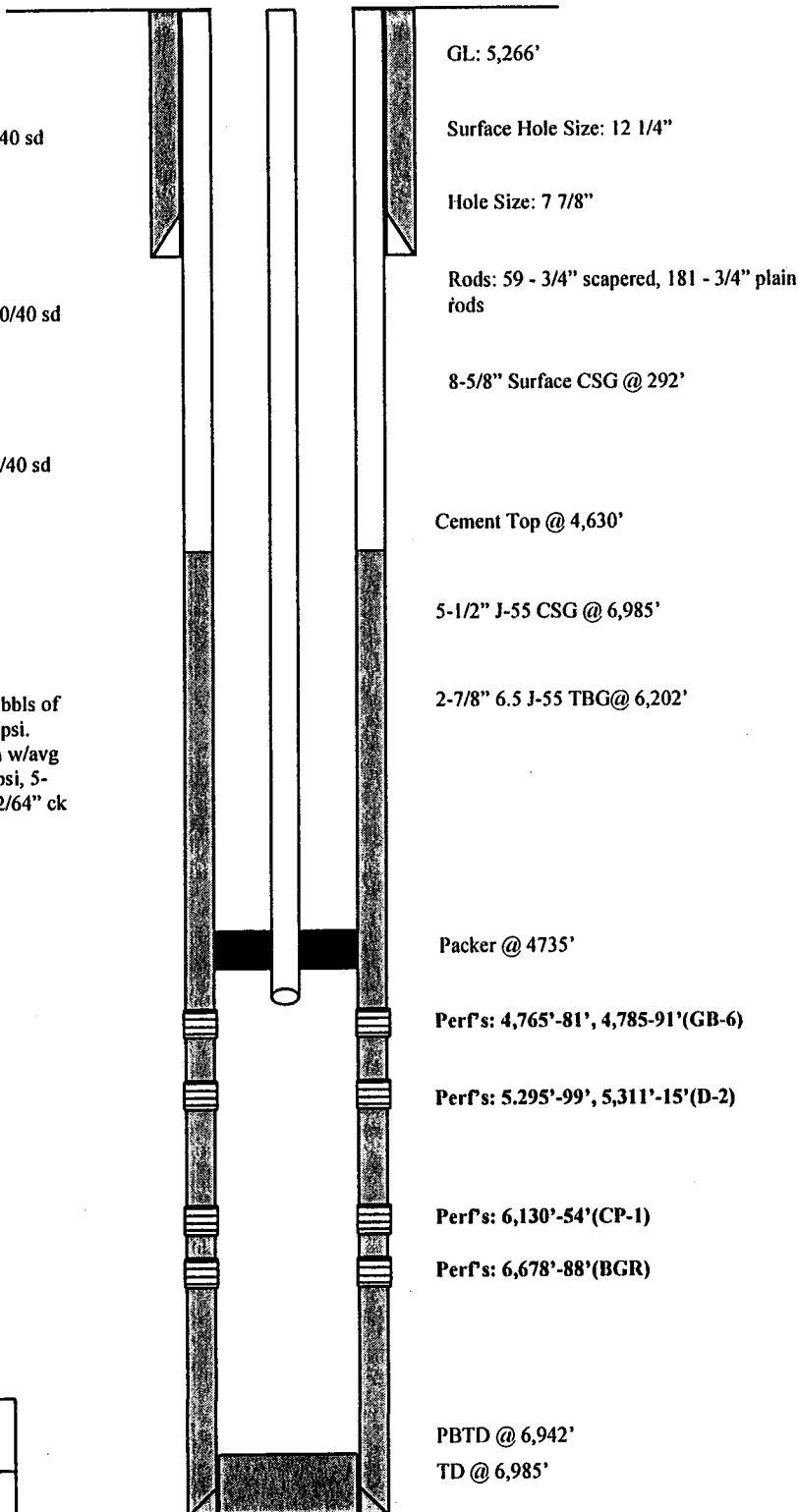
Frac D-2 zone as follows:  
Totals 22,500 gal, 63,500# 20/40 sd  
Avg TP 2,300

10-14-83 Perf: 4,765'-4,791'

Frac GB-6 zone as follows:  
Totals 1,500 gal  
Max TP 5,500 @ 0 BPM  
Avg TP 4,000 @ 8 BPM

11/3/96 Frac GB-6 sand as follows:  
73,200# of 20/40 sand in 453 bbls of  
Boragel. Breakdown @ 2149 psi.  
Treated @ avg rate of 20 bpm w/avg  
press of 1950 psi. ISIP-2326 psi, 5-  
min 2293 psi. Flowback on 12/64" ck  
for 4 hrs and died.

11/6/96 PLACE WELL BACK ON  
PRODUCTION

Proposed Injection  
Diagram

Inland Resources Inc.

Boundary Federal #9-20

1947 FSL 650 FEL

NESE Section 20-T8S-R17E

Duchesne Co, Utah

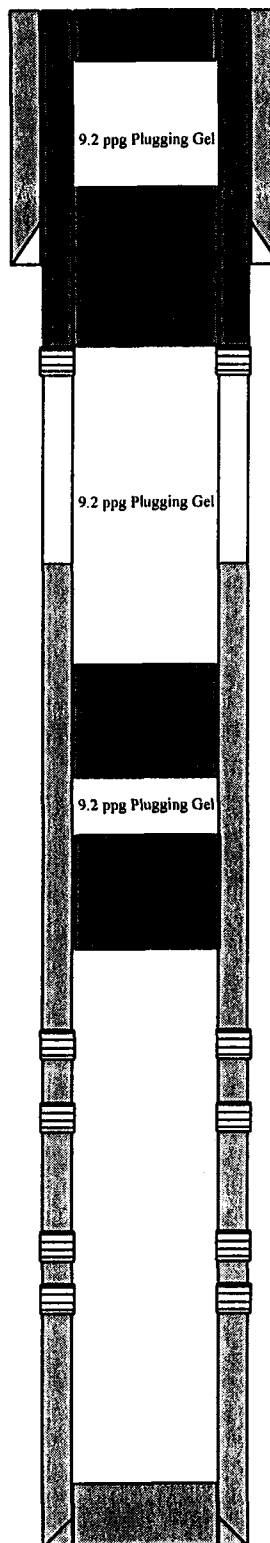
API #43-013-30690; Lease #U-50376

## Boundary Federal #9-20

Proposed Plugging  
Diagram

## Well History:

11-18-82	Spud Well
11-13-82	Perf: 6,678'-6,688'
11-25-83	Frac BGR zone as follows: Totals 20,400 gal, 44,500# 20/40 sd Max TP 3,500 @ 20 BPM Avg TP 3,100 @ 25 BPM ISIP 2,360, after 5 min 2,300
12-10-82	Perf: 6,130'-6,154'
12-11-82	Frac CP-1 zone as follows: Totals 36,000 gal, 115,000# 20/40 sd Avg TP 1,900 ISIP 3,700, after 5 min 2,750
3-23-83	Perf: 5,295'-5,315'
	Frac D-2 zone as follows: Totals 22,500 gal, 63,500# 20/40 sd Avg TP 2,300
10-14-83	Perf: 4,765'-4,791'
	Frac GB-6 zone as follows: Totals 1,500 gal Max TP 5,500 @ 0 BPM Avg TP 4,000 @ 8 BPM
11/3/96	Frac GB-6 sand as follows: 73,200# of 20/40 sand in 453 bbls of Boragel. Breakdown @ 2149 psi. Treated @ avg rate of 20 bpm w/avg press of 1950 psi. ISIP-2326 psi, 5- min 2293 psi. Flowback on 12/64" ck for 4 hrs and died.
11/6/96	PLACE WELL BACK ON PRODUCTION



GL: 5,266'

Plug #4 10 sxs plug @ surface

Plug #3 RIH w/perforation. Perforate 2' @ 2spt' 50' below the surface csg shoe @ 348'. RIH w/tbg to 50' above the surface csg shoe @ 248', circulate cement to surface, circ to surface w/9.2 PPG plugging gel.

Perf 348'

Hole size: 7-7/8" bit

8-5/8" Surface CSG @ 292'

5-1/2" J-55 CSG @ 6,985'

Plug #2 set 150' balanced plug inside 5-1/2" csg from 2,400'-2,250' circ well to 320' w/9.2 PPG plugging gel

Plug #1 Set 150' balanced plug inside 5-1/2" csg from 3,850'-3,700' circ well to 2200' w/9.2 PPG plugging gel

Perf's: 4,765'-81', 4,785-91'(GB-6)

Perf's: 5,295'-99', 5,311'-15'(D-2)

Perf's: 6,130'-54'(CP-1)

Perf's: 6,678'-88'(BGR)

PBTB @ 6,942'

TD @ 6,985'



Inland Resources Inc.

Boundary Federal #9-20

1947 FSL 650 FEL

NESE Section 20-T8S-R17E

Duchesne Co, Utah

API #43-013-30690; Lease #U-50376

## Boundary Federal #10-20

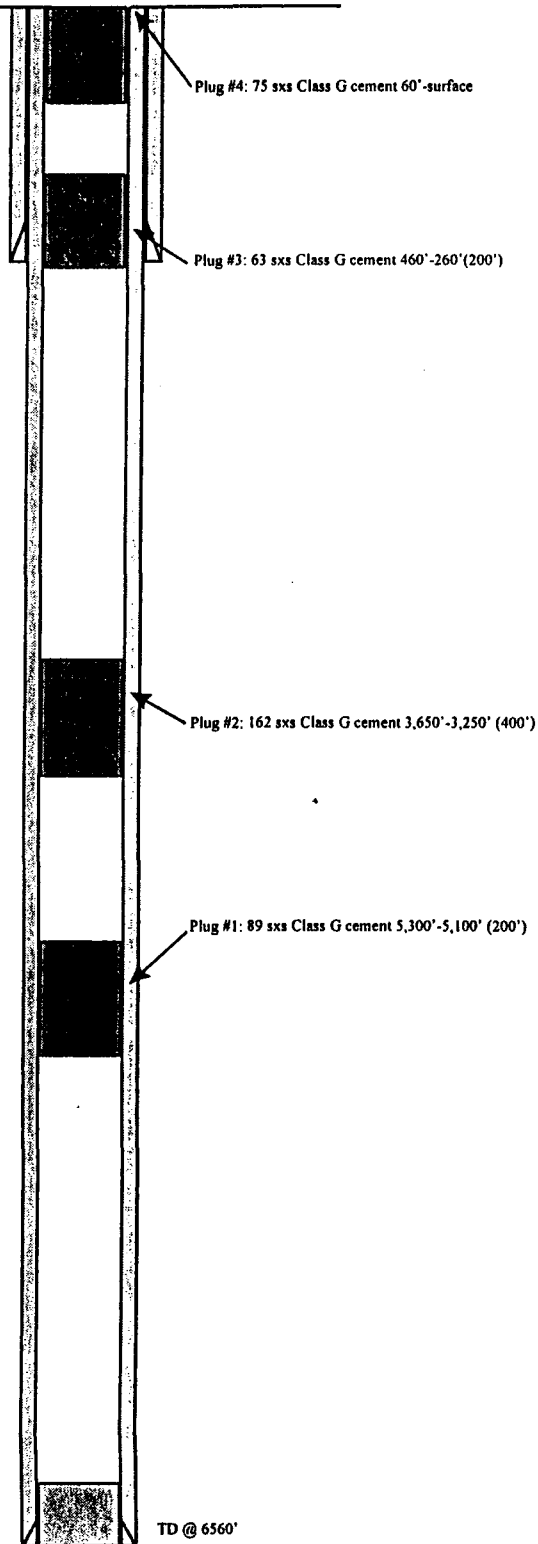
Spud Date: 4/9/93  
 Plugged: 4/28/96  
 GL: 5283' KB: 5296'

Initial Production: NONE

## Plugging Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7'  
 DEPTH LANDED: 354.51'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASINGTUBINGSUCKER RODS

Inland Resources Inc.

Boundary Federal #10-20

2009 FSL 1980 FEL

NWSE Section 20-T8S-R17E

Duchesne Co, Utah

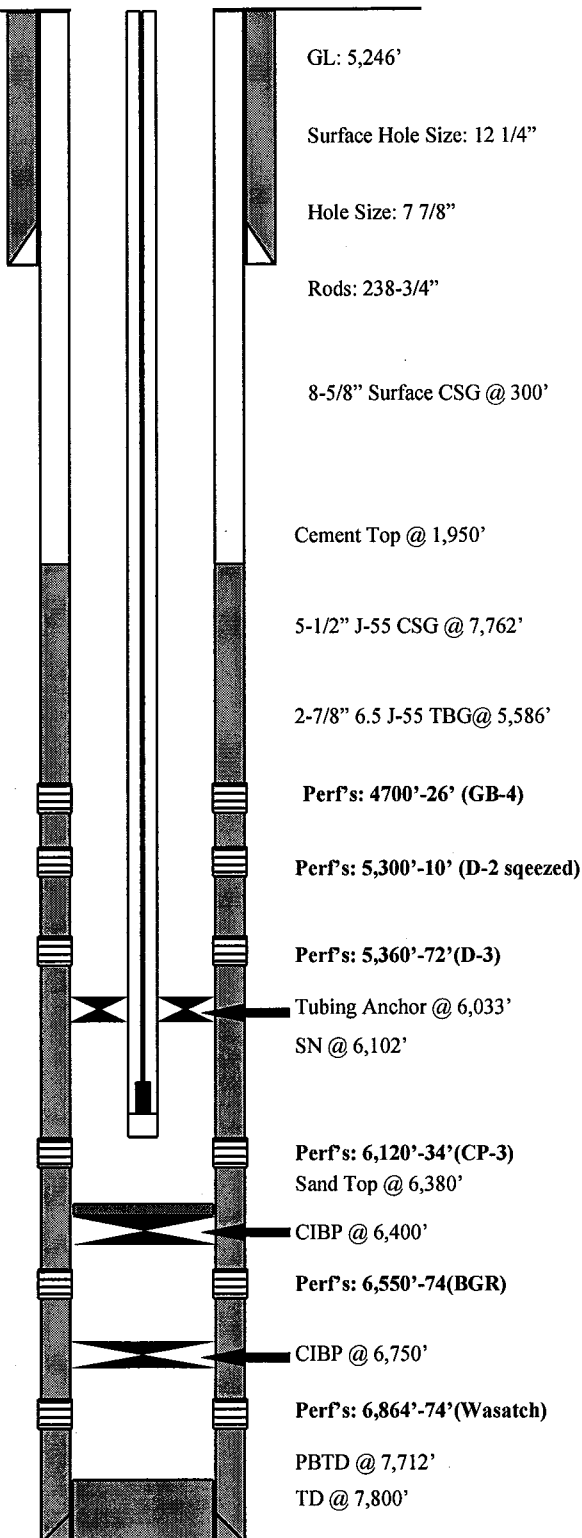
API #43-013-31380; Lease #U-50376

## Boundary Federal #12-21

Wellbore Diagram

## Well History:

11-10-94	Spud Well
12-21-94	Perf: 6,864'-6,874'
12-22-94	Frac Wasatch zone as follows: 1,000 gal 15% HCl acid ISIP 2,750, after 5 min 2,550
12-23-94	Perf: 6,550'-6,574'  Frac BGR zone as follows: 2,000 gal 15% HCl acid
12-28-94	Perf: 6,120'-6,134'
12-29-94	Frac CP-3 zone as follows: Totals 17,000 gal, 51,000# 20/40 sd Max TP 2,650 @ 31 BPM Avg TP 2,000 @ 31 BPM ISIP 2,050, after 5 min 2,000
1-6-95	Perf: 5,360'-5,372'  Frac D-3 zone as follows: 2,00# 100 Mesh, 40,000# 20/40 sd Max TP 3,800 @ 8.2 BPM Avg TP 2,100 @ 27 BPM ISIP 1,850
1-13-95	Perf: 5,300'-5,310'
1-18-95	Frac D-2 zone as follows: Total 5,252 gal, 4,000# 100 mesh 60,000# 20/40 sd Max TP 2,870 @ 32.5 BPM Avg TP 2,400 @ 33.5 BPM ISIP 2,350, after 5 min 1,773
11-16-95	Perf 4700'-4726' Frac GB-4 zone as follows: 79,800# 16/30 sd and 26,005 gal gel



Inland Resources Inc.

Boundary Federal #12-21

1790 FWL 654 FWL

NWSW Section 21-T8S-R17E

Duchesne Co, Utah

API #43-013-31440; Lease #U-50376



A Procter &amp; Gamble Co.

P.O. Box 217  
Roosevelt, Utah 84066Office (801) 722-5066  
Fax (801) 722-5727**WATER ANALYSIS REPORT**COMPANY LOMAX ADDRESS \_\_\_\_\_ DATE: \_\_\_\_\_SOURCE JOHNSON WATER SUPPLY DATE SAMPLED 4-7-92 ANALYSIS NO. \_\_\_\_\_

Analysis	Mg/l (ppm)	*Meq/l
1. PH <u>8.4</u>		
2. H <sub>2</sub> S (Qualitative) <u>.5</u>		
3. Specific Gravity <u>1.001</u>		
4. Dissolved Solids <u>812</u>		
5. Suspended Solids _____		
6. Anaerobic Bacterial Count <u>CI</u> C/MI		
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> ) _____		
8. Bicarbonate (HCO <sub>3</sub> ) <u>300</u> ÷61 <u>5</u> HCO <sub>3</sub>		
9. Chlorides (Cl) <u>50</u> ÷35.5 <u>1</u> Cl		
10. Sulfates (SO <sub>4</sub> ) <u>225</u> ÷48 <u>5</u> SO <sub>4</sub>		
11. Calcium (Ca) <u>80</u> ÷20 <u>4</u> Ca		
12. Magnesium (Mg) <u>19</u> ÷12.2 <u>1</u> Mg		
13. Total Hardness (CaCO <sub>3</sub> ) <u>280</u>		
14. Total Iron (Fe) <u>.4</u>		
15. Barium (Qualitative) _____		
16. Phosphate Residuals _____		

\*Milli equivalents per liter

**PROBABLE MINERAL COMPOSITION**

4	Ca	←	HCO <sub>3</sub>	5
1	Mg	→	SO <sub>4</sub>	5
6	Na	→	Cl	1

**Saturation Values****Distilled Water 20°C**

Ca CO <sub>3</sub>	13 Mg/l
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
Mg CO <sub>3</sub>	103 Mg/l

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		4		324
Ca SO <sub>4</sub>	68.07				
Ca Cl <sub>2</sub>	55.50				
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17		1		73
Mg SO <sub>4</sub>	60.19				
Mg Cl <sub>2</sub>	47.62				
Na HCO <sub>3</sub>	84.00				
Na <sub>2</sub> SO <sub>4</sub>	71.03		5		355
Na Cl	58.46		1		59

REMARKS \_\_\_\_\_



A Procter &amp; Gamble Co.

P.O. Box 217  
Roosevelt, Utah 84066Office (801) 722-5066  
Fax (801) 722-5727**WATER ANALYSIS REPORT**

COMPANY LOMAX ADDRESS \_\_\_\_\_ DATE: \_\_\_\_\_  
 SOURCE B.F. 9-20 DATE SAMPLED 4-7-92 ANALYSIS NO. \_\_\_\_\_

Analysis	Mg/l (ppm)	*Meq/l
1. PH <u>8.8</u>		
2. H <sub>2</sub> S (Qualitative) <u>1.0</u>		
3. Specific Gravity <u>1.012</u>		
4. Dissolved Solids <u>15,578</u>		
5. Suspended Solids _____		
6. Anaerobic Bacterial Count <u>CI</u> C/MI		
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> ) _____		
8. Bicarbonate (HCO <sub>3</sub> ) <u>550</u> ÷ 61 <u>9</u> HCO <sub>3</sub>		
9. Chlorides (Cl) <u>9,000</u> ÷ 35.5 <u>254</u> Cl		
10. Sulfates (SO <sub>4</sub> ) <u>0</u> ÷ 48 <u>0</u> SO <sub>4</sub>		
11. Calcium (Ca) <u>56</u> ÷ 20 <u>3</u> Ca		
12. Magnesium (Mg) <u>15</u> ÷ 12.2 <u>1</u> Mg		
13. Total Hardness (CaCO <sub>3</sub> ) <u>200</u>		
14. Total Iron (Fe) <u>9</u>		
15. Barium (Qualitative) _____		
16. Phosphate Residuals _____		

\*Milli equivalents per liter

**PROBABLE MINERAL COMPOSITION**

3	Ca	←	HCO <sub>3</sub>	9
1	Mg	←	SO <sub>4</sub>	0
259	Na	←	Cl	254

**Saturation Values**

Ca CO <sub>3</sub>	13 Mg/l
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
Mg CO <sub>3</sub>	103 Mg/l

**Distilled Water 20°C**

Compound	Equiv. Wt.	x	Meq/l	=	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		3		243
Ca SO <sub>4</sub>	68.07				
Ca Cl <sub>2</sub>	55.50				
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17		1		73
Mg SO <sub>4</sub>	60.19				
Mg Cl <sub>2</sub>	47.62				
Na HCO <sub>3</sub>	84.00		5		420
Na <sub>2</sub> SO <sub>4</sub>	71.03				
Na Cl	58.46		254		14,849

REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



A Procter &amp; Gamble Co.

P.O. Box 217  
Roosevelt, Utah 84066Office (801) 722-5066  
Fax (801) 722-5727**WATER ANALYSIS REPORT**COMPANY LOMAX ADDRESS \_\_\_\_\_ DATE: \_\_\_\_\_SOURCE COMBINED JOHNSON WATER DATE SAMPLED 4-7-92 ANALYSIS NO. \_\_\_\_\_  
B.F. 920

Analysis

8.6

Mg/l (ppm)

\*Meq/l

1. PH

2. H<sub>2</sub>S (Qualitative)

3. Specific Gravity

4. Dissolved Solids

5. Suspended Solids

6. Anaerobic Bacterial Count CI C/MI7. Methyl Orange Alkalinity (CaCO<sub>3</sub>)8. Bicarbonate (HCO<sub>3</sub>)

9. Chlorides (Cl)

10. Sulfates (SO<sub>4</sub>)

11. Calcium (Ca)

12. Magnesium (Mg)

13. Total Hardness (CaCO<sub>3</sub>)

14. Total Iron (Fe)

15. Barium (Qualitative)

16. Phosphate Residuals

HCO <sub>3</sub>	300	÷61	5	HCO <sub>3</sub>
Cl	2500	÷35.5	70	Cl
SO <sub>4</sub>	200	÷48	4	SO <sub>4</sub>
Ca	60	÷20	3	Ca
Mg	17	÷12.2	1	Mg
	220			

.6

\*Milli equivalents per liter

**PROBABLE MINERAL COMPOSITION**

3	Ca	←	HCO <sub>3</sub>	5
1	Mg	→	SO <sub>4</sub>	4
75	Na	→	Cl	70

**Saturation Values****Distilled Water 20°C**

Ca CO <sub>3</sub>	13 Mg/l
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
Mg CO <sub>3</sub>	103 Mg/l

Compound	Equiv. Wt.	x	Meq/l	=	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		3		243
Ca SO <sub>4</sub>	68.07				
Ca Cl <sub>2</sub>	55.50				
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17		1		73
Mg SO <sub>4</sub>	60.19				
Mg Cl <sub>2</sub>	47.62				
Na HCO <sub>3</sub>	84.00		1		84
Na <sub>2</sub> SO <sub>4</sub>	71.03		4		284
Na Cl	58.46		70		4092

REMARKS \_\_\_\_\_





## EXECUTIVE SUMMARY

On November 2, 1996 zone I of the **Boundary 9-20** well was stimulated with the following:

Formation-	GB-6 Sand
Perfs-	4,765-4,791 Ft
Avg. Rate-	20 BPM
Avg. Surf. Press.-	1,950 psi
Total Sand -	73,200 LB (20/40 Ottawa)
Total Fluid-	453.1 BBL
Max. Concentration-	10 PPG

The job went as per design with no fluid, equipment or electrical problems. The zone broke at 2,149 psi decreased to 1,700 psi then increased through flush. A real-time 3-D fracturing model (Fracpro) was run during the job and a good pressure match was obtained showing multiple fractures were initiated and predicted the following:

Propped Height.-	188 ft.
Propped Length-	90 ft.
Frac Grad.-	0.68 psi/ft
Conductivity-	3000 md-ft

Overview of job showed good frac with above average permeability and porosity. Net pressure increased 450 psi during the job which would indicate average proppant placement in fracture. With the above average permeability and good proppant placement, the zone should be above average. Closure was observed shortly after shutdown. If you have any questions about the job or any thing else please call me at 1(800)874-2550.

Thank You,

A handwritten signature in black ink, appearing to read 'Chip Koerner', written over a horizontal line.

Chip Koerner  
Wellsite II Engineer

**HALLIBURTON**

Well No. 9-20

Lease BOUNDARY FEDERAL

Job Id 002850100613

ENERGY SERVICES

Customer INLAND PRODUCTION COMPANY

Date 11-02-96

**JOB SUMMARY**

Job Type FRAC JOBS

Operator MORRIS/COOK

**Job Information**

CONTRACTOR: BASIN WELL SERVICE  
 JOB PURPOSE: 08 FRAC JOBS  
 JOB DESCRIPTION: 670 BORAGEL  
 PERFORMED THRU: CASING\_\_\_\_  
 CALLED OUT: 11-02-96 05:00  
 ON LOCATION: 11-02-96 07:20  
 STARTED: 11-02-96 10:13  
 COMPLETED: 11-02-96 10:39

**Well Information**

OWNER NAME:	INLAND PRODUCTION COMPANY		
WELL TYPE:	001 Oil	WELL CATEGORY:	001 Development
MUD TYPE:		MUD WEIGHT:	
BOT HOLE TEMP:	130	BOT HOLE PSI:	3500
TOTAL DEPTH:	7000	PBTD:	6942

**Pressures in PSI**

AVERAGE:	1950	MAXIMUM:	2730
BREAKDOWN:	2749		
FLUSH:	1880	FRAC GRADIENT:	.91
ISIP:	2326	5-MIN:	2293
10-MIN:	0	15-MIN:	0

**Volumes**

PREPAD:		GAL	PREPAD TYPE:		
LOAD & BKDN:	3970	GAL	TREATMENT:	11376	GAL
FLUSH:	4656	GAL			
PAD:	3000	GAL			
GAS ASSIST:		TON	TYPE:		AT: SC
F/BBL					
FOAM QUALITY:		%	TOTAL VOL FOAM		GAL
TOTAL VOLUME:	19032	GAL			

**Hydraulic Horsepower**

ORDERED:	2000	AVAILABLE:	2000	USED:	956
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**Average Rates in BPM**

TREATING:	20	FLUSH:	19.9	OVERALL:	24.3
-----------	----	--------	------	----------	------

# The Western Company

## of North America

### TREATMENT REPORT

Date 5/6/83 Western District Vernal-53 F. Receipt 656620  
 Operator Lomax Exploration  
 Lease Federal Well No. 9-20  
 Field Monument Butte Location 20/9S/17E  
 County Duchesne State Utah  
 Stage Number 1 This Zone ☐ This Well ☒

WELL DATA: OG ☐ NG ☐ NO ☐ OO ☒ WD ☐ IW ☐ Misc. ☐ Depth TD/PB 5584 Formation Green river  
 Size Tubing 2-7/8 Tubing Perf. 5233 Type Packer Baker Retrievalmatic Set At 5233  
 Size Casing 5 1/2 Wt. 17 Set From surface To 6007 Size Liner -- Wt. --  
 Liner Set From -- To -- Open Hole: Size -- From -- To --  
 Casing Perforations: Size .38 Holes Per Foot 1 Intervals 5295-5299, 5311-5315 (8 holes)

Previous Treatment n/a Prior Production n/a

TREATMENT DATA: Pad Used: Yes ☒ No ☐ Pad Type Apollo Gel 50  
 Treating Fluid Type: Oil ☐ Water ☒ Acid ☐ Misc. ☐ Foam ☐ Emulsion ☐  
 Treating Fluid Volume Gals. 6500 Fluid Description 2500 gal. Apollo Gel 50,

#### FLUID PUMPED AND CAPACITIES IN BBLs.

Tubing Cap. 30  
 Casing Cap. 2  
 Annular Cap. --  
 Open Hole Cap. --  
 Fluid to Load --  
 Pad Volume 59  
 Treating Fluid 96  
 Flush 13  
 Overflush --  
 Total to Recover 168

Total Prop Quantity 12,000 Lbs. Prop Type: Sand ☒ Beads ☐ Special ☐ None ☐  
 Prop Mesh Sizes, Types and Quantities 20/40 mesh

Hole Loaded With swabbed dry Treat Via: Tubing ☒ Casing ☐ Anul ☐ Tubing & Anul. ☐  
 Ball Sealers: -- In -- Stages of --

Types and Number of Pumps Used 4 Pacesetter 1000's  
 Auxiliary Materials Aquaseal 2, 20#/1000; Claymaster 3, 2 gal./1000; Aquaflo,  
2 gal./1000; Frac-cide 1, 5/1000; KCL 250#/1000; B-9 & B-11, 2#/1000

Procedure 2500 gal. Apollo 50 pad; 1000 gal. Apollo 40 w/20/40 @ 1#; 1000 gal.  
Apollo 40 w/ 20/40 @ 2#; 1500 gal. Apollo 40 w/ 20/40 @ 4#;  
1500 gal. Apollo 40 w/20/40 @ 6#; 1000 gal. Apollo 40 w/20/40 @ 8#; Flush w/3% KCL water;  
Well screened out at beginning of 6# 20/40 stage

Time AM/PM	Treating Pressure-Psi		Barrels Fluid Pumped	Inj. Rate BPM	REMARKS—
	Tubing	Casing			
2:30	0	1000	--		Start Apollo Gel 50 pad
2:34	4300	1200	59	15	Start Apollo Gel 40 w/ 20/40 @ 1#
2:36	4200	1300	89	15	Start 20/40 @ 2#
2:37+	4200	1400	110	15	Start 20/40 @ 4#
2:40+	4600	1400	152	15	Start 20/40 @ 6#
2:41+	5400	1400	167	13	Cut sand well screening out
2:42+	6000	1400	180	13	Shut down, Well screened out

ISDP 1800 psi  
 5 min. 1000 psi  
 10 min. 850 psi  
 15 min. 800 psi

Treating Pressure: Min. 3700 Max. 6000 Avg. 4400  
 Inj. Rate on Treating Fluid 15 Rate on Flush 13  
 Avg. Inj. Rate 15 I.S.D.P. 1800 Flush Dens. lb/gal 8.42  
 Final Shut-in Pressure 800 in 15 Minutes.  
 Operator's Maximum Pressure 6000 psi

Customer Representative Ken Allen  
 Western Representative Robert Rogers  
 Distribution (1) Lomax Exploration  
333 N. Belt #880  
Houston, TX 77060  
 (1) Lomax Exploration  
Box 1446/ Roosevelt, UT 84066

Job Number

## EXHIBIT "G-3"

Well Name Fed 9-20 Completion Unit G #1 Completion Days \_\_\_\_\_

rk String: Size 2 7/8 Wt 6.5 Grd J-55 Pkr/EOT @ \_\_\_\_\_ PBD 6907  
 Present Operation Prep to TTH W/ BP & pkr. Work Fluid 3% KCL wtr. + clay stab.

PERFORATIONS: Size gun \_\_\_\_\_ Shot Diameter \_\_\_\_\_ Company: \_\_\_\_\_

	SPF/#SHOTS		SPF/#SHOTS		SPF/#SHOTS
<u>6778 to 6788</u>	<u>11</u>	to		to	
<u>6130 to 6154</u>	<u>16</u>	to		to	
to		to		to	

STIMULATION: Before job; SITP \_\_\_\_\_ SICP \_\_\_\_\_ Back Pressure \_\_\_\_\_  
 Fluid used: \_\_\_\_\_ Company: \_\_\_\_\_

Procedure: 1) \_\_\_\_\_ Max TP @ \_\_\_\_\_ BPM  
 2) \_\_\_\_\_ Avg TP @ \_\_\_\_\_ BPM  
 3) \_\_\_\_\_ ISIP \_\_\_\_\_  
 4) \_\_\_\_\_ after \_\_\_\_\_ min  
 5) \_\_\_\_\_ after \_\_\_\_\_ min  
 6) \_\_\_\_\_ after \_\_\_\_\_ min  
 7) \_\_\_\_\_ Displacement fluid used: \_\_\_\_\_  
 8) \_\_\_\_\_  
 9) \_\_\_\_\_  
 10) \_\_\_\_\_

## FLUID RECOVERY (Bbls):

	During Last hrs.	Total Recovered	Left to Recover
BLW	_____	_____	_____
BLO	_____	_____	_____
BNW	_____	_____	_____
BNO	_____	_____	_____

## FLOWING:

CHK	HRS	TP	RECOVERY	DAILY RATE
-----	-----	----	----------	------------

_____	_____	_____	_____	_____
-------	-------	-------	-------	-------

SWABBING: #Runs \_\_\_\_\_ Total Recovered \_\_\_\_\_  
 FL Maint. \_\_\_\_\_ Swab Rate (B/H) \_\_\_\_\_ WC \_\_\_\_\_

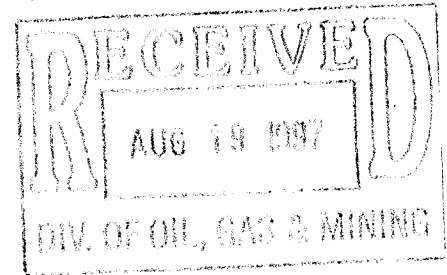
REMARKS: MIRUSU Pumped 15 bbls. hot oil dn. Hg. @ 704  
w/rods & pump. NIL BOPs. Tel. anchor. TTH. Tapped  
fill @ 6880 ft. TOH W/ Hg. Prep to TTH W/ BP & pkr.  
in A.M. SDFN.

Completion Supervisor J. Schaefer  
 Date 3-19-83

COSTS:  
 Daily 3800  
 Cumulative 3800



August 18, 1997



Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

**ATTENTION: Ed Forsman/Wayne Bankert**

**RE: Sundry Notices and Reports on Wells**

Gentlemen,

Enclosed are the original's and two copies (each,) of the Sundry Notices and Reports on Wells, for various locations.

Please contact me in the Vernal Branch office (801) 789-1866 if you have any questions, or need additional information.

Sincerely,

Cheryl Cameron  
Regulatory Compliance Specialist

cc: State of Utah  
Division of Oil Gas & Mining  
1594 WN Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

(June 1990)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

## 1. Type of Well

☒ Oil Well    ☐ Gas well    ☐ Other

## 2. Name of Operator

**Inland Production Company**

## 3. Address and Telephone No.

**P.O. Box 790233 Vernal, UT 84079    Phone No. (801) 789-1866**

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NE/SE  
Sec. 20, T8S, R17E**

## 5. Lease Designation and Serial No.

**U-50376**

## 6. If Indian, Allottee or Tribe Name

## 7. If unit or CA, Agreement Designation

## 8. Well Name and No.

**Boundary Federal #9-20**

## 9. API Well No.

**43-013-30690**

## 10. Field and Pool, or Exploratory Area

**Monument Butte**

## 11. County or Parish, State

**Duchesne, UT**

## 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☒ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment Notice

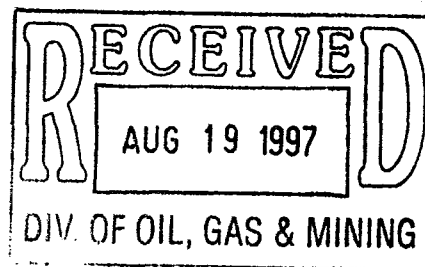
## TYPE OF ACTION

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☐ Other \_\_\_\_\_
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☒ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

*Inland Production Company requests authorization to convert the Boundary Federal #9-20 from a producing well to a Class II Injection well.*



## 14. I hereby certify that the foregoing is true and correct

Signed

**Cheryl Cameron**

Title

**Regulatory Compliance Specialist**

Date

**8/1/97**

(This space of Federal or State office use.)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

September 18, 1997

Inland Production Company  
P. O. Box 1446  
Roosevelt, Utah 84066

Re: Boundary Federal 9-20 and 15-20 wells, Section 20, Township 8 South, Range 17 East,  
Duchesne County, Utah


Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. Conduct a pressure test for mechanical integrity prior to injection.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

  
John R. Baza  
Associate Director, Oil and Gas

cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Cheryl Cameron, Inland, Vernal

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1947 FSL 0650 FEL NE/SE Section 20, T08S R17E**

5. Lease Designation and Serial No.

**U-50376**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**GREATER BOUNDARY**

8. Well Name and No.

**BOUNDARY FEDERAL 9-20**

9. API Well No.

**43-013-30690**

10. Field and Pool, or Exploratory Area

**TREATY BOUNDARY**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

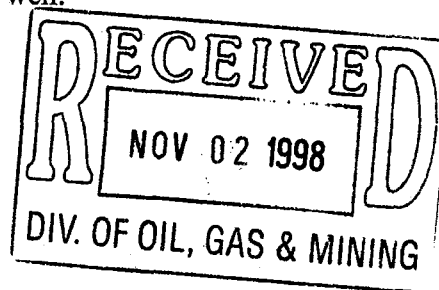
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Site Security**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

*Rabbie E. Knight*

Title

**Manager, Regulatory Compliance**

Date

**10/30/98**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



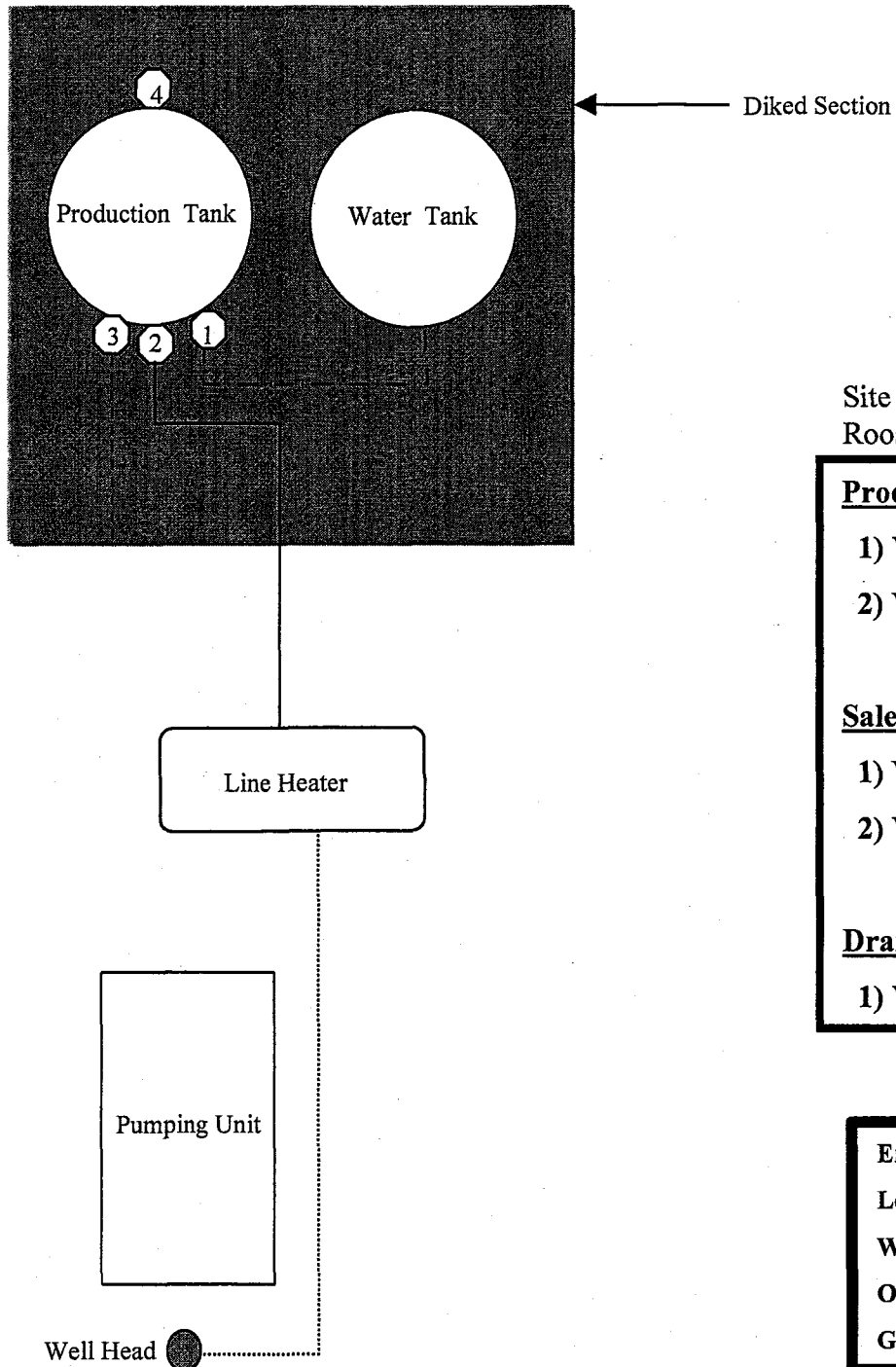
# Inland Production Company Site Facility Diagram

Boundary 9-20

NE/SE Sec. 20, T8S, 17E

Duchesne County

Sept. 17, 1998



Site Security Plan is held at the  
Roosevelt Office, Roosevelt Utah

## Production Phase:

- 1) Valves 1, 3, 4 sealed closed
- 2) Valve 2 sealed open

## Sales Phase:

- 1) Valves 1, 2, 4 sealed closed
- 2) Valve 3 open

## Draining Phase:

- 1) Valve 1 open

## Legend

Emulsion Line	.....
Load Line	-----
Water Line	- - - - -
Oil Line	_____
Gas Sales	- . - . - .



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-189

**Operator:** Inland Production Company

**Wells:** Boundary Federal 9-20

**Location:** Section 20, Township 8 South, Range 17 East,  
County: Duchesne

**API No.:** 43-013-30690

**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on September 18, 1997
2. Maximum Allowable Injection Pressure: 2096 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: 4765 feet to 6688 feet (Green River Formation)

Approved by:

John R Baza

Associate Director, Oil and Gas

9/18/97

Date

INSPECTION FORM 6

STATE OF UTAH  
DIVISION OF OIL GAS AND MINING

## INJECTION WELL - PRESSURE TEST

Well Name: <u>BOUNDARY FED 9-20-8-17</u>	API Number: <u>43-013 30 690</u>
Qtr/Qtr: <u>SW/SE</u>	Section: <u>20</u>
Company Name: <u>INLAND PRODUCTION COMPANY</u>	Township: <u>8S</u>
Lease: State <u>UT</u>	Fee <u>4-76954</u>
Inspector: <u>Dennis L. Ingram</u>	Indian <u>4-16-02</u>

## Initial Conditions:

Tubing - Rate: \_\_\_\_\_ Pressure: 80 psiCasing/Tubing Annulus - Pressure: 1050 psi

## Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1050</u>	<u>80</u>
5	<u>1045</u>	<u>80</u>
10	<u>1040</u>	<u>80</u>
15	<u>1035</u>	<u>80</u>
20	<u>1030</u>	<u>80</u>
25	<u>1025</u>	<u>80</u>
30	<u>1020</u>	<u>80</u>

Results: Pass/Fail

## Conditions After Test:

Tubing Pressure: 80 psiCasing/Tubing Annulus Pressure: 1020 psi

COMMENTS: Tested for Conversion @ 10:16 AM to 10:46  
Also record on Part of Chart. Showed 30 psi Loss on Chart  
But on 10 PSI Loss on Gauge.

Ron Duck  
 Operator Representative

RECEIVED

APR 16 2002

DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1947 FSL 0650 FEL NE/SE Section 20, T8S R17E**

5. Lease Designation and Serial No.

**UTU-76954**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**GREATER BOUNDARY**

8. Well Name and No.

**BOUNDARY FED 9-20**

9. API Well No.

**43-013-30690**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Report of first injection**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The above referenced well was put on injection at 10:00 a.m. on 6/6/02.

**RECEIVED**

**JUN 10 2002**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed

*Mandie Crozier*  
Mandie Crozier

Title

Permit Clerk

Date

6/6/2002

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1) Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2) A request for agency action for authority for the injection of gas, liquefied petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:

2.1. *The name and address of the operator of the project;*

**Answer:** Inland Production Company  
P.O. Box 1446  
W. Poleline Road  
Roosevelt, Utah 84066

2.2. *A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-quarter mile radius of the project area;*

**Answer:** Reference Exhibit "A".

2.3. *A full description of the particular operation for which approval is requested;*

**Answer:** To approve the conversion of the Boundary Federal #9-20 from a producing oil well to a water injection well in the Boundary area in the Monument Butte Field; and to approve the installation of an injection line. The line would leave the injection facility from the Boundary Federal #15-20, and proceed easterly approximately 1300'  $\pm$ , to the proposed Boundary Federal #9-20 injection well. The proposed injection line would be a 3" coated steel pipe, buried 5' below surface and would provide injection water to the Boundary Federal #9-20, from our existing water injection line. Reference Exhibit "B".

2.4. *A description of the pools from which the identified wells are producing or have produced;*

**Answer:** The proposed injection well will inject into the Green River Formation.

2.5. *The names, description and depth of the pool or pools to be affected;*

**Answer:** The Green River Formation pool targeted for injection is the BG, CP, D-2, and the GG sands with a gamma ray derived top @ 4765'. The injection zone is a porous and permeable lenticular calcareous sandstone. The porosity of the sandstone is intergranular. The confining impermeable stratum directly above at ( 4530',) and below at (4816') the injection zones are composed of tight, moderately calcareous lacustrine shale.

2.6. *A copy of a log of a representative well completed in the pool;*

**Answer:** Referenced log Boundary Federal #9-20 is currently on file with the Utah Division of Oil, Gas & Mining.

STATE OF UTAH  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

**INJECTION WELL - PRESSURE TEST**

Test Date: <u>06-27-02</u>		Well Owner/Operator: _____	
Disposal Well: _____	Enhanced Recovery Well: <u>  X  </u>	Other: _____	
API No.: 43- <u>013-30690</u>		Well Name/Number: <u>Boundary Fed 9-20</u>	
Section: <u>20</u>	Township: <u>FS</u>	Range: <u>17E</u>	

**Initial Conditions:**

Tubing - Rate: \_\_\_\_\_ Pressure: 0 psi

Casing/Tubing Annulus - Pressure: 1000 psi

**Conditions During Test:**

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1000</u>	<u>0 PSI</u>
5	<u>1000</u>	<u>0 "</u>
10	<u>1000</u>	<u>0 "</u>
15	<u>1000</u>	<u>0 "</u>
20	<u>1000</u>	<u>0 "</u>
25	<u>1000</u>	<u>0 "</u>
30	<u>1000</u>	<u>0 "</u>

Results: Pass/Fail

**Conditions After Test:**

Tubing Pressure: 0 psi

Casing/Tubing Annulus Pressure: 1000 psi

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**

RECEIVED

JUN 27 2002

DIVISION OF  
OIL, GAS AND MINING

**REMARKS:**

Retest, leak in tubing. Recoded test on  
BARTON RECORDER

*Ron Shank*  
Operator Representative

*Dennis L. Leger*  
DOGM Witness

Inland Resources Inc.  
Greater Boundary Unit  
Well List

Status as of March 27, 1998

*To: Lisa  
From: Debbie*

*all of these  
are 43-013-*

*#12391 "Greater Boundary (GPRV) Unit"*

Lease Name	Status	Operator	Twp	Rge	Sec	Spot	Accounting No.	API Code
BOUNDARY FEDERAL 7-20307500051INJ	INJ	INLAND	08S	17E	20	7.0	UMBOI001	30750 8407
BOUNDARY FED 11-21	INJ	INLAND	08S	17E	21	11.0	UMBOI002	30752 10630
BOUNDARY FEDERAL 15-21	INJ	INLAND	08S	17E	21	15.0	UMBOI003	31622 11924
<del>BOUNDARY FEDERAL #10-20</del>	<del>P&amp;A</del>	<del>N/A</del>	<del>08S</del>	<del>17E</del>	<del>20</del>	<del>10</del>	<del>#N/A</del>	
<del>TAR SANDS FEDERAL 12-28</del>	<del>P&amp;A</del>	<del>INLAND</del>	<del>08S</del>	<del>17E</del>	<del>28</del>	<del>12.0</del>	<del>#N/A</del>	
<del>TAR SANDS FEDERAL #32-29</del>	<del>P&amp;A</del>	<del>N/A</del>	<del>08S</del>	<del>17E</del>	<del>29</del>	<del>7</del>	<del>#N/A</del>	
BOUNDARY FEDERAL 6-20	PDP	INLAND	08S	17E	20	6.0	UMBOP001	31626 11991
BOUNDARY FEDERAL 8-20	PDP	INLAND	08S	17E	20	8.0	#N/A	31993 12329
BOUNDARY FEDERAL 9-20	PDP	INLAND	08S	17E	20	9.0	UMBOP002	30690 8408
BOUNDARY FEDERAL 15-20	PDP	INLAND	08S	17E	20	15.0	UMBOP003	30667 8409
BOUNDARY 6-21	PDP	INLAND	08S	17E	21	6.0	UMBOP005	31889 1226
BOUNDARY 7-21	PDP	INLAND	08S	17E	21	7.0	UMZZP053	31640 1202
BOUNDARY 8-21	PDP	INLAND	08S	17E	21	8.0	UMZZP052	31557 1185
BOUNDARY FEDERAL 9-21	PDP	INLAND	08S	17E	21	9.0	UMBOP006	31542 11806
BOUNDARY FEDERAL 10-21	PDP	INLAND	08S	17E	21	10.0	UMBOP007	31532 11803
BOUNDARY FEDERAL 12-21	PDP	INLAND	08S	17E	21	12.0	UMBOP008	31440 11709
BOUNDARY FEDERAL 13-21	PDP	INLAND	08S	17E	21	13.0	UMBOW001	30665 2660
BOUNDARY FEDERAL 14-21	PDP	INLAND	08S	17E	21	14.0	UMBOP009	31441 11768
BOUNDARY FEDERAL 16-21	PDP	INLAND	08S	17E	21	16.0	UMBOP010	31627 11934
TAR SANDS FEDERAL 2-28	PDP	INLAND	08S	17E	28	2.0	UMZZP079	11937 31642
TAR SANDS FEDERAL 3-28	PDP	INLAND	08S	17E	28	3.0	UMZZP078	11923 31623
TAR SANDS FEDERAL 4-28	PDP	INLAND	08S	17E	28	4.0	UMZZP080	11938 31641
TAR SANDS FEDERAL 5-28 (I)	PDP	INLAND	08S	17E	28	5.0	UMZZP114	12171 31697
TAR SANDS FED 6-28	PDP	INLAND	08S	17E	28	6.0	UMZZP116	12241 31921
TAR SANDS FED 13-28	PDP	INLAND	08S	17E	28	13.0	UMZZP105	12176 31771
TAR SANDS FEDERAL 1-29	PDP	INLAND	08S	17E	29	1.0	UMZZP115	12168 31743
TAR SANDS FEDERAL 8-29	PDP	INLAND	08S	17E	29	8.0	UMZZP117	12242 31922
TAR SANDS FEDERAL 9-29	PDP	INLAND	08S	17E	29	9.0	#N/A	12281 31942
TAR SANDS FEDERAL 12-29	PDP	INLAND	08S	17E	29	12.0	UMZZP113	12261 31924
TAR SANDS FEDERAL 16-29	PDP	INLAND	08S	17E	29	16.0	UMZZP106	12212 31871
TAR SANDS FEDERAL 1-33	PDP	INLAND	08S	17E	33	1.0	UMZZP108	12265 31863
TAR SANDS FEDERAL 2-33	PDP	INLAND	08S	17E	33	2.0	UMZZP107	12271 31867
BOUNDARY FED 5-21	SI	INLAND	08S	17E	21	5.0	UMBOP004	30822 11162
FEDERAL 1-26	SI	INLAND	08S	17E	26	3.0	431162	4304731953 11227

*Thanks for your help*

OPERATOR INLAND PRODUCTION COMPANY

OPERATOR ACCT. NO. N5160

ADDRESS \_\_\_\_\_

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		12391		**SEE ATTACHED**							5-1-98
WELL 1 COMMENTS: GREATER BOUNDARY (GRRV) UNIT EFF 5-1-98											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)  
Signature  
ENG. TECH 6-26-98  
Title Date  
Phone No. ( )



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-76954</b>	
		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  <b>N/A</b>	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME  <b>GREATER BOUNDARY</b>	
2. NAME OF OPERATOR <b>INLAND PRODUCTION COMPANY</b>		8. FARM OR LEASE NAME <b>BOUNDARY FED 9-20</b>	
3. ADDRESS OF OPERATOR <b>Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</b>		9. WELL NO. <b>BOUNDARY FED 9-20</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>NE/SE Section 20, T8S R17E 1947 FSL 0650 FEL</b>		10. FIELD AND POOL, OR WILDCAT  <b>MONUMENT BUTTE</b>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>NE/SE Section 20, T8S R17E</b>	
14. API NUMBER <b>43-013-30690</b>	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5266 GR</b>	12. COUNTY OR PARISH <b>DUCHESNE</b>	13. STATE <b>UT</b>

<b>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</b>			
<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> <b>Tubing Leak</b>	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The subject well developed a leak in the tubing on 6/18/02, subsequently the leak was repaired. On 6/27/02 Mr. Al Craver w/EPA and Mr. Dennis Ingram w/ State DOGM was contacted and gave permission to conduct a MIT on the casing. On 6/27/02 the casing was pressured to 1000 psi w/ no pressure loss charted in the 1/2 hour test. Mr. Ingram was there to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 6/27/2002  
Krishna Russell

cc: BLM

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\* See Instructions On Reverse Side

**RECEIVED**  
**JUN 28 2002**  
**DIVISION OF**  
**OIL, GAS AND MINING**

STATE OF UTAH  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RECEIVED

JUL 02 2002

DIVISION OF  
OIL, GAS AND MINING

INJECTION WELL - PRESSURE TEST

Test Date: <u>06-27-02</u>	Well Owner/Operator: <u>INLAND</u>	
Disposal Well: _____	Enhanced Recovery Well: <u>  X  </u>	Other: _____
API No.: 43- <u>013-30690</u>	Well Name/Number: <u>Boundary Fed 9-20</u>	
Section: <u>20</u>	Township: <u>FS</u>	Range: <u>17E</u>

Initial Conditions:

Tubing - Rate: \_\_\_\_\_ Pressure: 0 psi

Casing/Tubing Annulus - Pressure: 1000 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1000</u>	<u>0 psi</u>
5	<u>1000</u>	<u>0 "</u>
10	<u>1000</u>	<u>0 "</u>
15	<u>1000</u>	<u>0 "</u>
20	<u>1000</u>	<u>0 "</u>
25	<u>1000</u>	<u>0 "</u>
30	<u>1000</u>	<u>0 "</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 0 psi

Casing/Tubing Annulus Pressure: 1000 psi

REMARKS:

Retest, leak in tubing. RECORDED test on  
BARTON RECORDER

Brian Shuck  
Operator Representative

Dennis L. Dwyer  
DOGM Witness

## STATE OF UTAH

## DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.

OIL ☐ GAS ☐  
WELL ☐ WELL ☐ OTHER ☒ Injection Well2. NAME OF OPERATOR  
**INLAND PRODUCTION COMPANY**3. ADDRESS AND TELEPHONE NUMBER  
**Rt. 3 Box 3630, Myton Utah 84052  
435-646-3721**4. LOCATION OF WELL  
  
Footages **1947 FSL 0650 FEL**  
  
QQ, SEC, T, R, M: **NE/SE Section 20, T8S R17E**

5. LEASE DESIGNATION AND SERIAL NO.

**UTU-76954**

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

**N/A**

7. UNIT AGREEMENT NAME

**GREATER BOUNDARY**

8. WELL NAME and NUMBER

**BOUNDARY FED 9-20**

9. API NUMBER

**43-013-30690**

10. FIELD AND POOL, OR WILDCAT

**MONUMENT BUTTE**COUNTY **DUCHESNE**STATE **UTAH**11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

## NOTICE OF INTENT:

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> ABANDON                   | <input type="checkbox"/> NEW CONSTRUCTION     |
| <input type="checkbox"/> REPAIR CASING             | <input type="checkbox"/> PULL OR ALTER CASING |
| <input type="checkbox"/> CHANGE OF PLANS           | <input type="checkbox"/> RECOMPLETE           |
| <input type="checkbox"/> CONVERT TO INJECTION      | <input type="checkbox"/> REPERFORATE          |
| <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE | <input type="checkbox"/> VENT OR FLARE        |
| <input type="checkbox"/> MULTIPLE COMPLETION       | <input type="checkbox"/> WATER SHUT OFF       |
| <input type="checkbox"/> OTHER _____               |   |

## SUBSEQUENT REPORT OF:

(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> ABANDON*                               | <input type="checkbox"/> NEW CONSTRUCTION     |
| <input type="checkbox"/> REPAIR CASING                          | <input type="checkbox"/> PULL OR ALTER CASING |
| <input type="checkbox"/> CHANGE OF PLANS                        | <input type="checkbox"/> RECOMPLETE           |
| <input type="checkbox"/> CONVERT TO INJECTION                   | <input type="checkbox"/> REPERFORATE          |
| <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE              | <input type="checkbox"/> VENT OR FLARE        |
| <input checked="" type="checkbox"/> OTHER <b>Step Rate Test</b> |   |

DATE WORK COMPLETED \_\_\_\_\_

Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\*Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)

A step rate test was conducted on the subject well on 11/26/02. Results from the test indicate that the fracture gradient is .710 psi/ft. Therefore, Inland is requesting that the MAIP be changed to 1310 psi.

From 2090

13.

NAME & SIGNATURE: Michael Guinn TITLE Vice President of OperationsDATE 1/27/2003

(This space for State use only)

4/94

\* See Instructions On Reverse Side

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 06-30-03By: [Signature]

COPY SENT TO OPERATOR

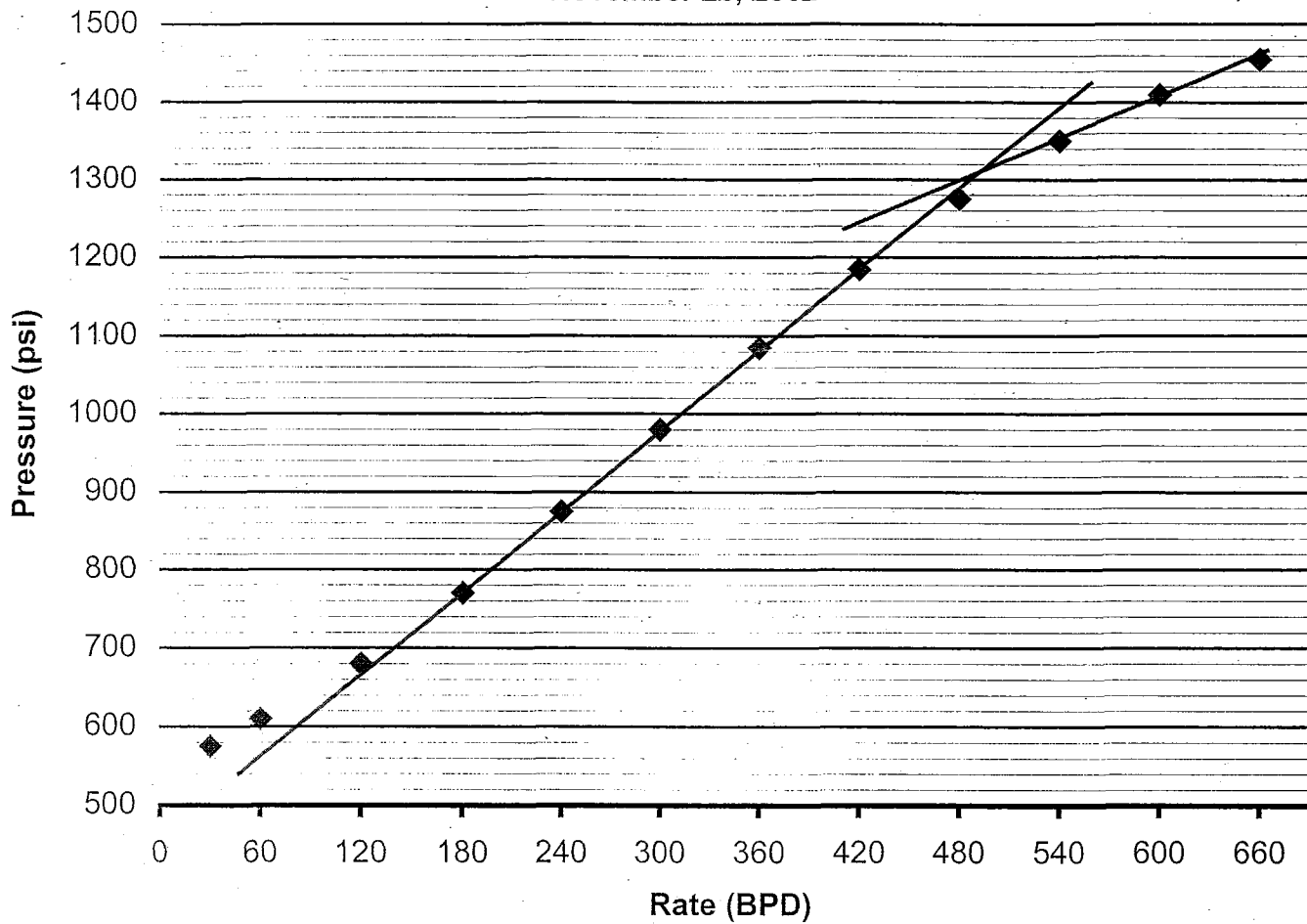
Date: 7-1-03Initials: CHD

RECEIVED

JAN 28 2003

DIV. OF OIL, GAS &amp; MINING

Boundary 9-20-8-17  
Greater Boundary Unit  
Step Rate Test  
November 26, 2002



Start Pressure: 550 psi  
Instantaneous Shut In Pressure (ISIP): 1420 psi  
Top Perforation: 4765 feet  
Fracture pressure (Pfp): 1310 psi  
FG: 0.710 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	30	575
2	60	610
3	120	680
4	180	770
5	240	875
6	300	980
7	360	1085
8	420	1185
9	480	1275
10	540	1350
11	600	1410
12	660	1455

RECEIVED

JAN 28 2003

DIV. OF OIL, GAS & MINING

BOUNDARY FEDERAL  
9-20-8-17

GREATER BOUNDARY UNIT

REPT. NO. 10  
TIME 5:00 A.  
DATE 11/26/02



REPT. NO. 10  
TIME 6:00 P.  
DATE 11/26/02

NO. 10000  
20000 40000

Brct



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8  
999 18<sup>TH</sup> STREET - SUITE 300  
DENVER, CO 80202-2466  
<http://www.epa.gov/region08>

FEB 25 2003

Ref: 8P-W-GW

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Mr. Mike Guinn  
Vice President of Operations  
~~Inland~~ Production Company  
Route 3 - Box 3630  
Myton, UT 84502

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

RE: UNDERGROUND INJECTION CONTROL (UIC)  
APPROVAL TO INCREASE MAXIMUM  
SURFACE INJECTION PRESSURE  
EPA Permit No. UT20702-04396  
~~Federal No. 9-20-8-17~~  
Duchesne County, Utah

Dear Mr. Guinn:

The Environmental Protection Agency (EPA) Final Permit UT20702-04396 (Effective February 8, 1994), Part II, Section C.4. (b), permits the Director to authorize, by letter, an increase in the Maximum Allowable Surface Injection Pressure (MAIP) for the Federal No. 9-20-8-17 enhanced recovery injection well following receipt and approval of a valid step-rate test (SRT).

On January 27, 2003, Inland Production Company (Inland), submitted an SRT to the EPA, dated November 26, 2002. The SRT was received by the EPA on January 29, 2003. The SRT was reviewed and approved by the EPA on January 29, 2003. The EPA's analysis of the SRT agrees that the fracture gradient (FG), for the Garden Gulch/Douglas Creek Members injection interval, is 0.710 psi/ft.

As of the date of this letter, the EPA authorizes an increase in the Maximum Allowable Surface Injection Pressure (MAIP) from 1290 psig to 1310 psig.

FG = 0.710 psi/ft  
D = 4765 feet: Top perforation  
SG = Specific gravity: 1.005  
  
MAIP = [(0.710) - (0.433)(1.005)] 4765  
  
MAIP = 1310 psig

RECEIVED

FEB 27 2003

DIV. OF OIL, GAS & MINING




Printed on Recycled Paper

Please send all compliance correspondence relative to this well to the ATTENTION: NATHAN WISER, at the letterhead address, citing MAIL CODE: 8ENF-T very prominently. You may call Mr. Wiser at 1-800-227-8917, Ext6211.

Sincerely,



 Stephen S. Tuber  
Acting Assistant Regional Administrator  
Office of Partnerships and Regulatory  
Assistance

cc: Mr. D. Floyd Wopsock  
Chairman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Ms. Elaine Willie  
Environmental Coordinator  
Ute Indian Tribe

Mr. Chester Mills  
Superintendent  
Bureau of Indian Affairs  
Uintah & Ouray Indian Agency

Mr. David Gerbig  
Operations Engineer  
Inland Production Company  
Denver, CO 80202

Mr. Gil Hunt  
Technical Services Manager  
State of Utah  
Natural Resources  
Division of Oil, Gas & Mining

Mr. Jerry Kenczka  
Petroleum Engineer  
BLM  
Vernal, Utah

Mr. Nathan Wiser  
8ENF-T



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas

SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

## TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

## CURRENT OPERATOR

Company: Inland Production Company  
Address: 1401 17th Street Suite 1000  
city Denver state Co zip 80202  
Phone: (303) 893-0102  
Comments:

Name: Brian Harris  
Signature: *Brian Harris*  
Title: Engineering Tech.  
Date: 9/15/2004

## NEW OPERATOR

Company: Newfield Production Company  
Address: 1401 17th Street Suite 1000  
city Denver state Co zip 80202  
Phone: \_\_\_\_\_  
Comments:

Name: Brian Harris  
Signature: *Brian Harris*  
Title: Engineering Tech.  
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Hunt*Title: *Perk. Services Manager*Approval Date: *9-20-04*

Comments:

*Note: Indian Country wells will require EPA approval.*RECEIVED  
SEP 20 2004  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Injection well		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU76954
2. NAME OF OPERATOR: Newfield Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GREATER BOUNDARY II
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1947 FSL 0650 FEL		8. WELL NAME and NUMBER: BOUNDARY FED 9-20
QTR/QTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NE/SE, 20, T8S, R17E		9. API NUMBER: 4301330690
		10. FIELD AND POOL, OR WILDCAT: Monument Butte
		COUNTY: Duchesne
		STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Step Rate Test
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  01/27/2005			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on January 27, 2005. Results from the test indicate that the fracture gradient is .760 psi/ft. Therefore, Newfield Production is requesting that the maximum allowable injection pressure (MAIP) be changed to 1550 psi.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

NAME (PLEASE PRINT) Mike Guinn TITLE Engineer  
SIGNATURE  DATE February 07, 2005

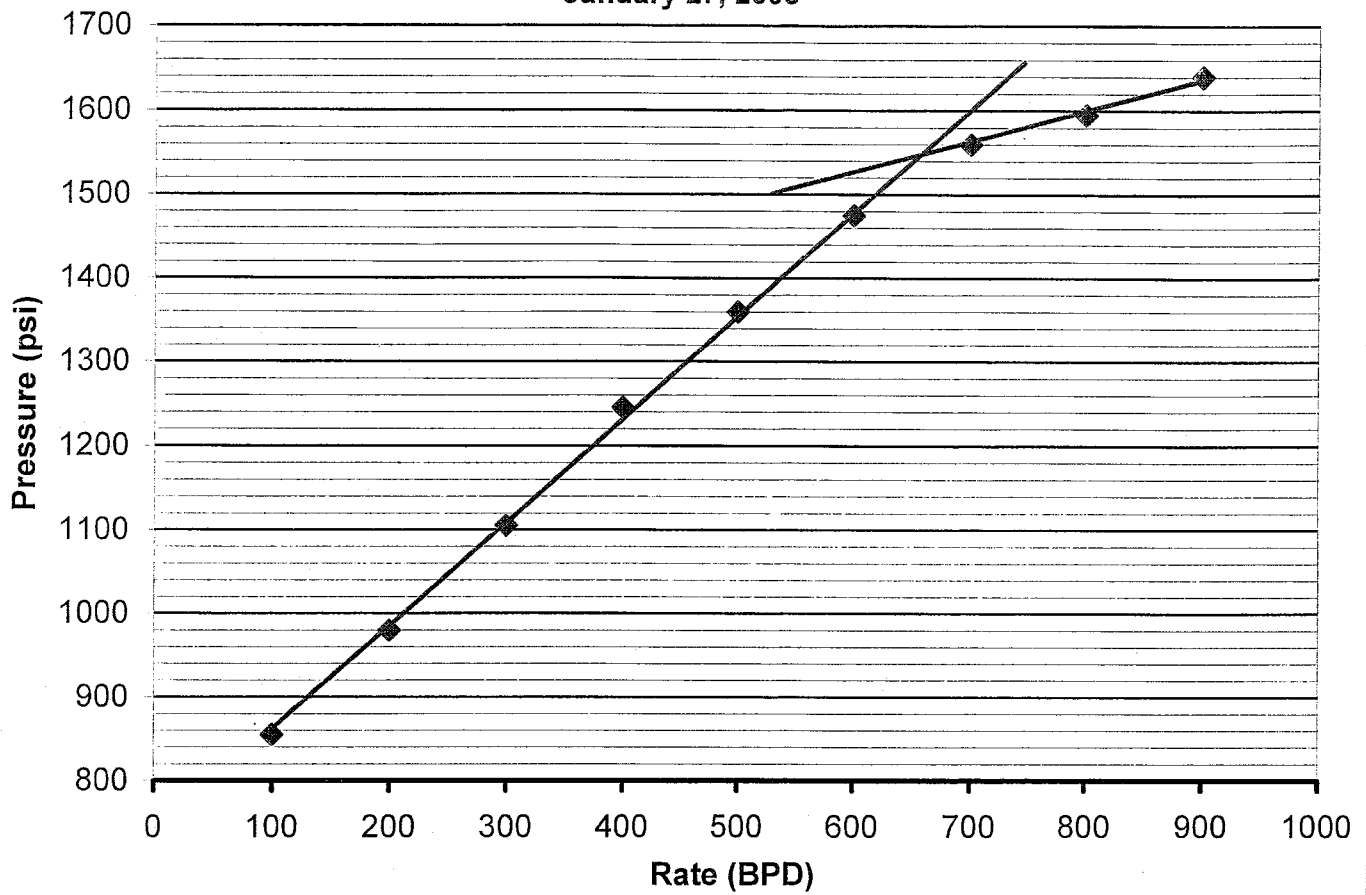
(This space for State use only)

RECEIVED

FEB 08 2005

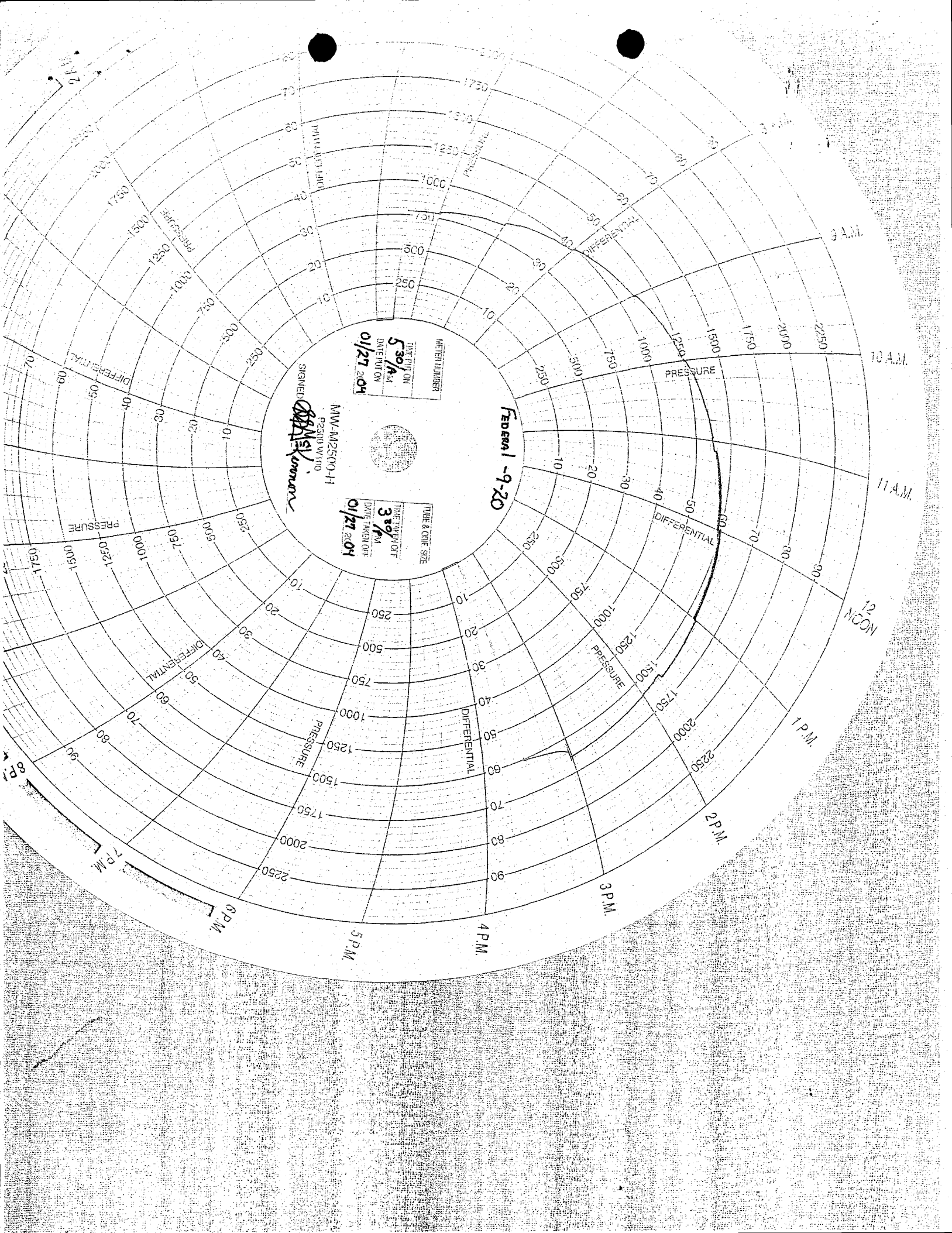
DIV. OF OIL, GAS & MINING

Federal 9-20  
Greater Boundary Unit  
Step Rate Test  
January 27, 2005



Start Pressure: 780 psi  
 Instantaneous Shut In Pressure (ISIP): 1605 psi  
 Top Perforation: 4765 feet  
 Fracture pressure (Pfp): 1550 psi  
 FG: 0.760 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	100	855
2	200	980
3	300	1105
4	400	1245
5	500	1360
6	600	1475
7	700	1560
8	800	1595
9	900	1640



## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

**FROM: (Old Operator):**  
 N5160-Inland Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**TO: ( New Operator):**  
 N2695-Newfield Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

CA No.

Unit:

GREATER BOUNDARY (GR)

**WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BOUNDARY FED 15-20	20	080S	170E	4301330667	12391	Federal	WI	A
BOUNDARY FED 9-20	20	080S	170E	4301330690	12391	Federal	WI	A
BOUNDARY FED 7-20	20	080S	170E	4301330750	12391	Federal	WI	A
BOUNDARY FED 6-20	20	080S	170E	4301331626	12391	Federal	OW	S
BOUNDARY FED 13-21	21	080S	170E	4301330665	12391	Federal	WI	A
BOUNDARY FED 11-21	21	080S	170E	4301330752	12391	Federal	WI	A
BOUNDARY FED 5-21	21	080S	170E	4301330822	12391	Federal	WI	A
BOUNDARY FED 12-21	21	080S	170E	4301331440	12391	Federal	OW	S
BOUNDARY FED 14-21	21	080S	170E	4301331441	12391	Federal	OW	P
BOUNDARY FED 10-21	21	080S	170E	4301331532	12391	Federal	OW	P
BOUNDARY FED 9-21	21	080S	170E	4301331542	12391	Federal	WI	A
BOUNDARY 8-21	21	080S	170E	4301331557	12391	Fee	OW	P
BOUNDARY FED 15-21	21	080S	170E	4301331622	12391	Federal	WI	A
BOUNDARY FED 16-21	21	080S	170E	4301331627	12391	Federal	OW	P
BOUNDARY 7-21	21	080S	170E	4301331640	12391	Fee	WI	A
TAR SANDS FED 3-28	28	080S	170E	4301331623	12391	Federal	WI	A
TAR SANDS FED 4-28	28	080S	170E	4301331641	12391	Federal	OW	P
TAR SANDS FED 2-28	28	080S	170E	4301331642	12391	Federal	OW	S
TAR SANDS FED 5-28 (I)	28	080S	170E	4301331697	12391	Federal	WI	A
GB FED 7-29R-8-17	29	080S	170E	4301330435		Federal	D	PA

K

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:



6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

#### DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005  
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

#### FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

#### INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

#### FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919  
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Injection well		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU76954
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GREATER BOUNDARY II
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1947 FSL 0650 FEL		8. WELL NAME and NUMBER: BOUNDARY FED 9-20
PHONE NUMBER 435.646.3721		9. API NUMBER: 4301330690
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SE, 20, T8S, R17E		10. FIELD AND POOL, OR WILDCAT: Monument Butte
		COUNTY: Duchesne
		STATE: Utah

**CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
	SubDate		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  02/25/2006	<input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was recompleted in the Green River Formation. One new interval was perforated the CP4 sds 6324'-6334' with 4 JSPF, 40 shots. Four existing intervals were re-perforated. The A3 sds 5775'-5781' with 4 JSPF, the A3 sds 5783'-5788' with 4 JSPF, the CP3 sds 6240'-6247' with 4 JSPF, and the CP3 sds 6273'-6279' with 4 JSPF. For a total of 96 shots.

On 3/13/06 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 3/14/06. On 3/14/06 the csg was pressured up to 1250 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 540 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20702-04396 API# 43-013-30690

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

NAME (PLEASE PRINT) Callie Duncan TITLE Production Clerk  
SIGNATURE *Callie Duncan* DATE 03/16/2006

(This space for State use only)

RECEIVED

MAR 22 2006

DIV OF OIL, GAS & MINING

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 3 / 14 / 06  
Test conducted by: Dale Giles  
Others present: \_\_\_\_\_

Well Name: <u>Boundary Fed. 9-20-8-17</u>		Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Greater Boundary II Unit</u>			
Location: _____	Sec: <u>2C</u>	T <u>8</u>	N <u>KS</u> R <u>17E</u> / W _____
Operator: <u>Newfield Production Co.</u>		County: <u>Duchesne</u>	State: <u>UT</u>
Last MIT: <u>1</u>	<u>1</u>	Maximum Allowable Pressure: <u>1550</u>	PSIG

Is this a regularly scheduled test?    ☐ Yes    ☐ No  
Initial test for permit?    ☐ Yes    ☐ No  
Test after well rework?    ☒ Yes    ☐ No  
Well injecting during test?    ☐ Yes    ☒ No    If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 0 psig

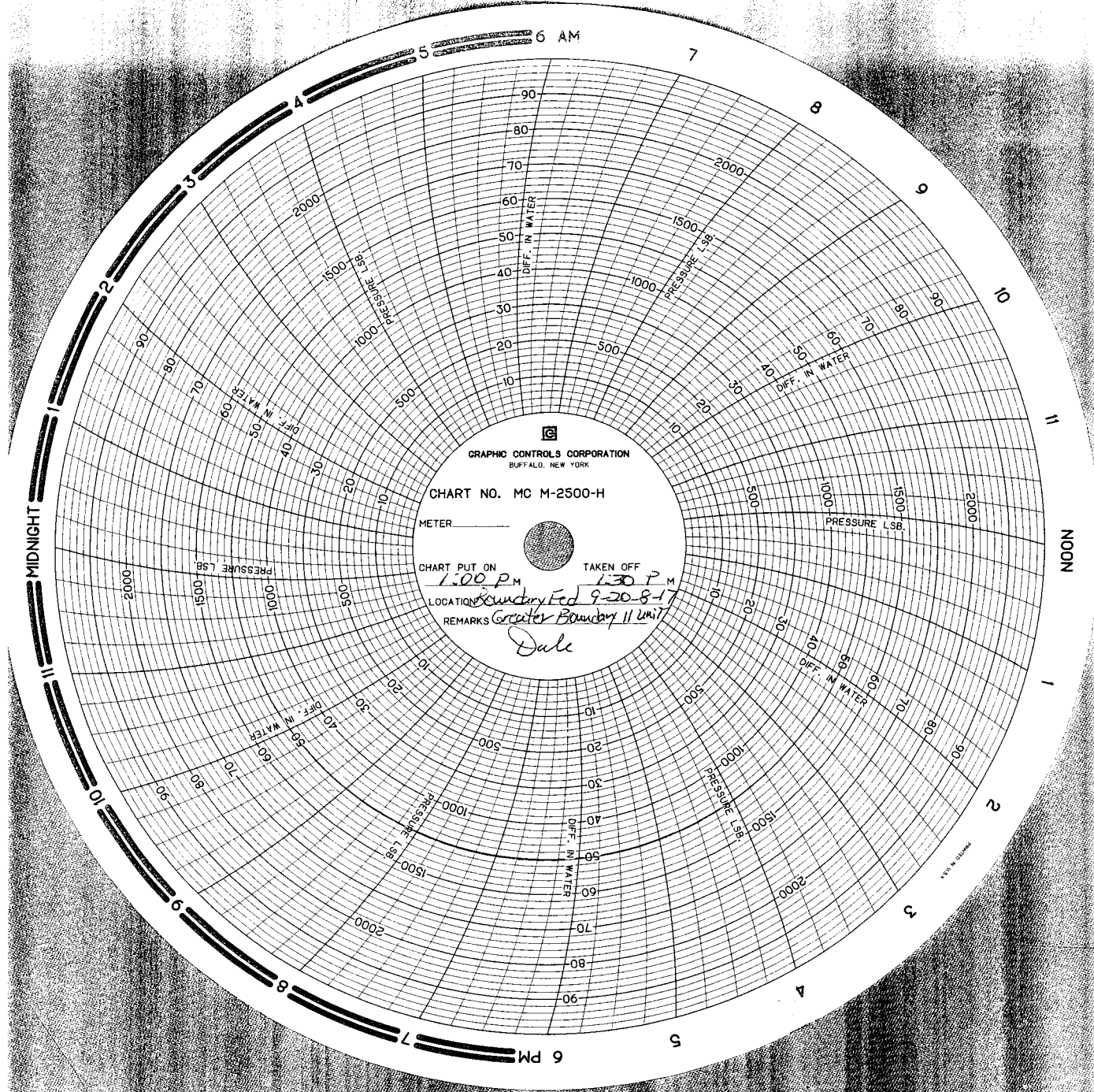
MIT DATA TABLE		Test #1	Test #2	Test #3
<b>TUBING</b>		<b>PRESSURE</b>		
Initial Pressure	<u>540</u> psig	psig	psig	psig
End of test pressure	<u>540</u> psig	psig	psig	psig
<b>CASING / TUBING</b>		<b>ANNULUS PRESSURE</b>		
0 minutes	<u>1250</u> psig	psig	psig	psig
5 minutes	<u>1250</u> psig	psig	psig	psig
10 minutes	<u>1250</u> psig	psig	psig	psig
15 minutes	<u>1250</u> psig	psig	psig	psig
20 minutes	<u>1250</u> psig	psig	psig	psig
25 minutes	<u>1250</u> psig	psig	psig	psig
30 minutes	<u>1250</u> psig	psig	psig	psig
_____ minutes	psig	psig	psig	psig
_____ minutes	psig	psig	psig	psig
<b>RESULT</b>	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?    ☐ Yes    ☒ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_



GRAPHIC CONTROLS CORPORATION  
BUFFALO, NEW YORK

CHART NO. MC M-2500-H

METER \_\_\_\_\_

CHART PUT ON  
1:00 P.M.

TAKEN OFF  
1:30 P.M.

LOCATION Sundry Fed 9-20-8-17

REMARKS Greater Boundary II Unit

Date \_\_\_\_\_

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-76954

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:  
BOUNDARY FED 9-20

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301330690

3. ADDRESS OF OPERATOR:  
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
GREATER MB UNIT

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 1947 FSL 650 FEL

COUNTY: DUCHESNE

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE, 20, T8S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  01/12/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 01/05/2011 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 01/12/2011 the casing was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1485 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20702-04396 API# 43-013-30690

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
  
FOR RECORD ONLY

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 01/13/2011

(This space for State use only)

RECEIVED  
JAN 20 2011  
DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 1/12/2011  
Test conducted by: Rowdy Cloward  
Others present: \_\_\_\_\_

Well Name: <u>Boundary Federal 9-20-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte Newfield</u>		
Location: <u>BF 9-20</u> Sec: <u>20</u> T <u>8</u> N <u>13</u> R <u>17</u> E/W County: <u>Duchesne</u> State: <u>Ut</u>		
Operator: <u>Rowdy Cloward</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1550</u>	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No  
Initial test for permit? ☐ Yes ☒ No  
Test after well rework? ☐ Yes ☒ No  
Well injecting during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 1485 psig

MIT DATA TABLE		Test #1		Test #2		Test #3	
TUBING		PRESSURE					
Initial Pressure		1485	psig			psig	psig
End of test pressure		1485	psig			psig	psig
CASING / TUBING		ANNULUS		PRESSURE			
0 minutes		1200	psig			psig	psig
5 minutes		1200	psig			psig	psig
10 minutes		1200	psig			psig	psig
15 minutes		1200	psig			psig	psig
20 minutes		1200	psig			psig	psig
25 minutes		1200	psig			psig	psig
30 minutes		1200	psig			psig	psig
_____ minutes			psig			psig	psig
_____ minutes			psig			psig	psig
RESULT		<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail

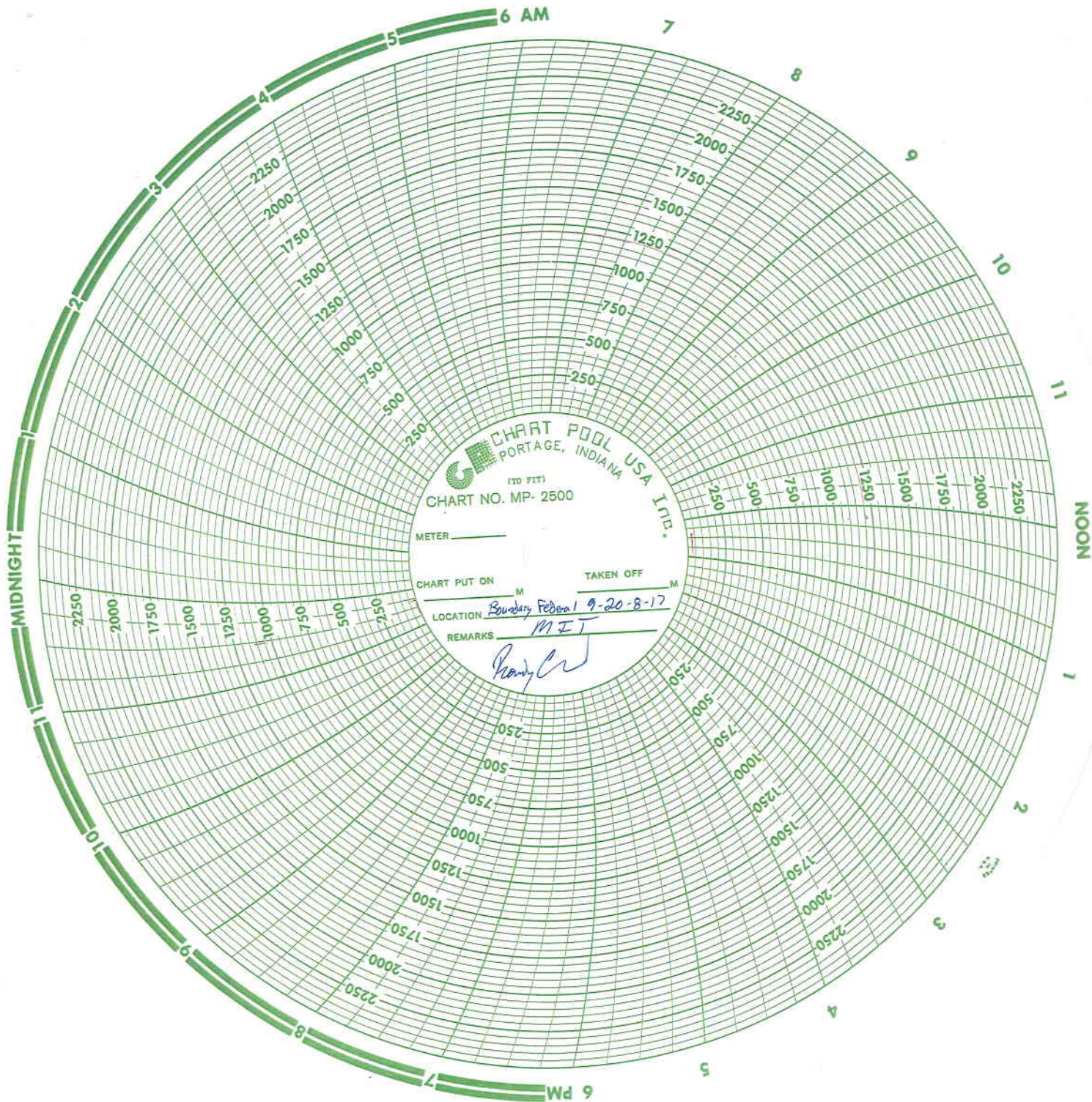
Does the annulus pressure build back up after the test? ☐ Yes ☐ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Rowdy Cloward





<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-76954
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> BOUNDARY FED 9-20
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1947 FSL 0650 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 20 Township: 08.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013306900000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>11/2/2012</b>	<input checked="" type="checkbox"/> OTHER		
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: <span style="border: 1px solid black; padding: 2px;">Run CBL/Cement Squeeze</span>		
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

The above subject well had workover procedures performed (Run CBL/Cement Squeeze), attached is a daily status report. On 07/19/2012 Sarah Roberts with the EPA was contacted concerning the MIT on the above listed well. On 11/02/2012 the csg was pressured up to 1035 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 760 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20702-04396

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**FOR RECORD ONLY**

November 13, 2012

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/9/2012	



# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 11 / 21 / 12  
Test conducted by: Kevin Powell  
Others present: \_\_\_\_\_

Ut 20702-64396

Well Name: <u>Boundary Federal 9-208-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Beach</u>		
Location: <u>9</u> Sec: <u>20</u> T <u>8</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W	County: <u>Duchesne</u> State: <u>Ut</u>	
Operator: <u>Kevin Powell</u>		
Last MIT: <u>1</u> <u>1</u>	Maximum Allowable Pressure: <u>1550</u> PSIG	

Is this a regularly scheduled test? ☐ Yes ☒ No  
Initial test for permit? ☐ Yes ☒ No  
Test after well rework? ☒ Yes ☐ No  
Well injecting during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 1035 / 760 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>760</u> psig	psig	psig
End of test pressure	<u>760</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1035</u> psig	psig	psig
5 minutes	<u>1035</u> psig	psig	psig
10 minutes	<u>1035</u> psig	psig	psig
15 minutes	<u>1035</u> psig	psig	psig
20 minutes	<u>1035</u> psig	psig	psig
25 minutes	<u>1035</u> psig	psig	psig
30 minutes	<u>1035</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

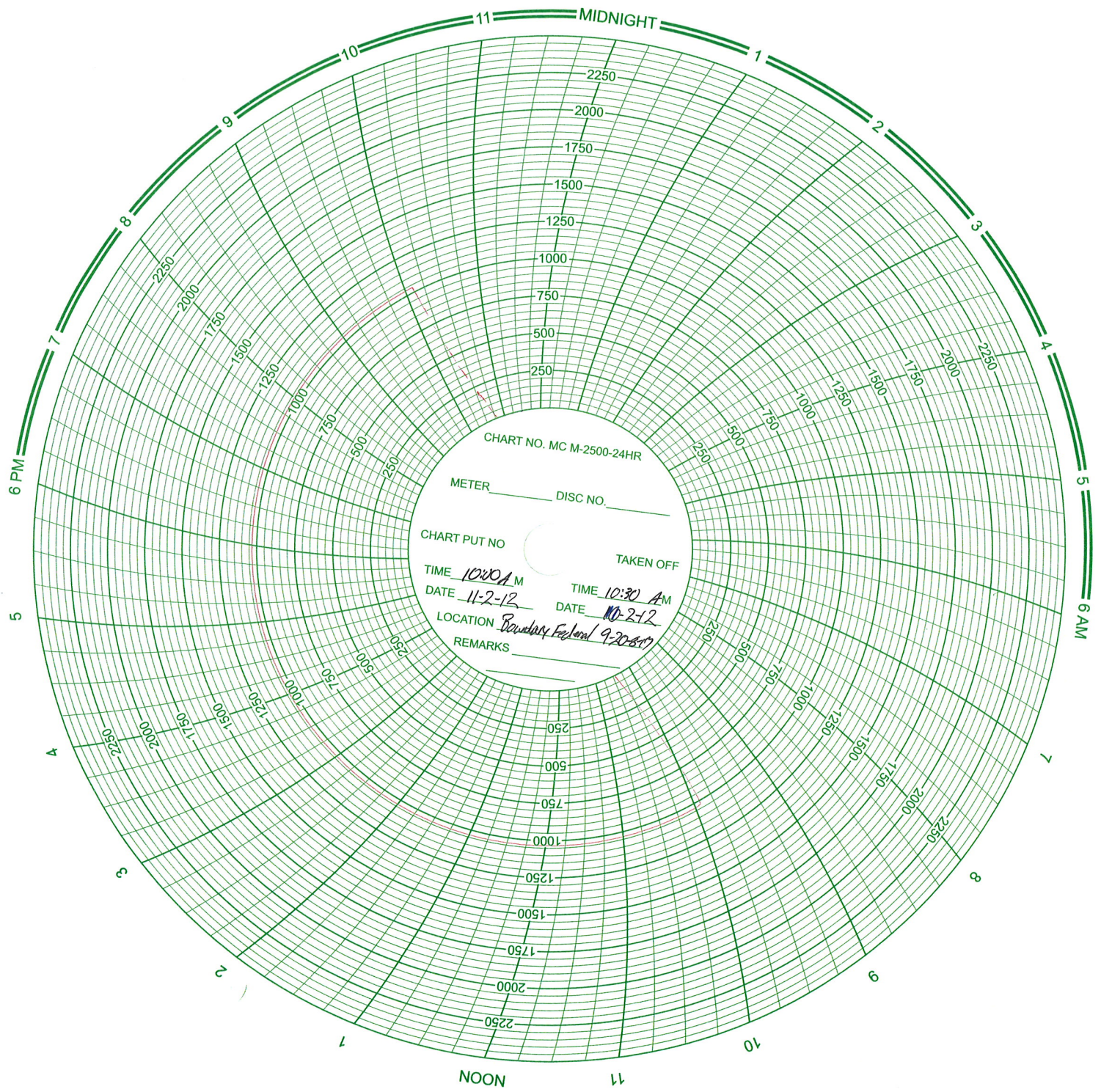
Does the annulus pressure build back up after the test? ☐ Yes ☐ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_







## Daily Activity Report

Format For Sundry

**BOUNDARY 9-20-8-17**

**8/1/2012 To 12/30/2012**

**10/29/2012 Day: 1**

**Workover**

Nabors #1416 on 10/29/2012 - MIRUSU, pressure test, TOH w/ tbg. - 06:00 07:00 1 hrs 0 mins F.02 CT/SAFETY MEETING JSA JSP HSE HAND BOOK PG. 07:00 07:15 0 hrs 15 mins C.03 CHECK CSG. 1380 ON CSG GOOD. 07:15 09:45 2 hrs 30 mins A.05 RIG / EQUIPMENT DOWN RACK OUT EQUIPMENT RIG DOWN RIG. PREP EQUIPMENT TO MOVE FROM THE 41 -12J -9-16 TO THE 9 -20 -8-17 (8.7 MILE MOVE). 09:45 10:00 0 hrs 15 mins F.01 PRE TRIP INSPECTION 10:00 11:00 1 hrs 0 mins A.01 MOVE RIG / EQUIPMENT OFF OF THE 41 -12J -9-16 TO THE 9 -20 -8-17 (8.7MILE MOVE) 11:00 12:30 1 hrs 30 mins A.02 SPOT RIG / EQUIPMENT RIG UP RIG. 12:30 13:30 1 hrs 0 mins C.06 NIPPLE DOWN WELL HEAD AND MASTER VALVE . INSTALL 6' SUB TO RELEASE PKR ,THEN NIPPLE UP PRODUCTION BOP/WH, 13:30 15:30 2 hrs 0 mins C.02 RIG UP WORK FLOOR & TBG EQUIPMENT DROP STANDING VALVE TO TEST TBG FILL TBG AND SEAT VALVE W/20 BBLS TEST TBG TO 3000 PSI. GOOD TEST. 15:30 16:30 1 hrs 0 mins C.12 RETREIVE STANDING VALVE W/ SAND LINE LAY DOWN SINKER BARS. 16:30 18:00 1 hrs 30 mins B.01 POOH/W 72 TO DERRICK EOPKR. @2425SECURE WELL. 18:00 18:30 0 hrs 30 mins C.23 SECURE WELL CLEAN TOOLS CHANGE OIL ON RIG, DRAIN TRASH PUMP.SDFN. 18:30 19:30 1 hrs 0 mins F.02 CT FROM LOCATION TO ROOSEVELT - 06:00 07:00 1 hrs 0 mins F.02 CT/SAFETY MEETING JSA JSP HSE HAND BOOK PG. 07:00 07:15 0 hrs 15 mins C.03 CHECK CSG. 1380 ON CSG GOOD. 07:15 09:45 2 hrs 30 mins A.05 RIG / EQUIPMENT DOWN RACK OUT EQUIPMENT RIG DOWN RIG. PREP EQUIPMENT TO MOVE FROM THE 41 -12J -9-16 TO THE 9 -20 -8-17 (8.7 MILE MOVE). 09:45 10:00 0 hrs 15 mins F.01 PRE TRIP INSPECTION 10:00 11:00 1 hrs 0 mins A.01 MOVE RIG / EQUIPMENT OFF OF THE 41 -12J -9-16 TO THE 9 -20 -8-17 (8.7MILE MOVE) 11:00 12:30 1 hrs 30 mins A.02 SPOT RIG / EQUIPMENT RIG UP RIG. 12:30 13:30 1 hrs 0 mins C.06 NIPPLE DOWN WELL HEAD AND MASTER VALVE . INSTALL 6' SUB TO RELEASE PKR ,THEN NIPPLE UP PRODUCTION BOP/WH, 13:30 15:30 2 hrs 0 mins C.02 RIG UP WORK FLOOR & TBG EQUIPMENT DROP STANDING VALVE TO TEST TBG FILL TBG AND SEAT VALVE W/20 BBLS TEST TBG TO 3000 PSI. GOOD TEST. 15:30 16:30 1 hrs 0 mins C.12 RETREIVE STANDING VALVE W/ SAND LINE LAY DOWN SINKER BARS. 16:30 18:00 1 hrs 30 mins B.01 POOH/W 72 TO DERRICK EOPKR. @2425SECURE WELL. 18:00 18:30 0 hrs 30 mins C.23 SECURE WELL CLEAN TOOLS CHANGE OIL ON RIG, DRAIN TRASH PUMP.SDFN. 18:30 19:30 1 hrs 0 mins F.02 CT FROM LOCATION TO ROOSEVELT - 06:00 07:00 1 hrs 0 mins F.02 CT/SAFETY MEETING JSA JSP HSE HAND BOOK PG. 07:00 07:15 0 hrs 15 mins C.03 CHECK CSG. 1380 ON CSG GOOD. 07:15 09:45 2 hrs 30 mins A.05 RIG / EQUIPMENT DOWN RACK OUT EQUIPMENT RIG DOWN RIG. PREP EQUIPMENT TO MOVE FROM THE 41 -12J -9-16 TO THE 9 -20 -8-17 (8.7 MILE MOVE). 09:45 10:00 0 hrs 15 mins F.01 PRE TRIP INSPECTION 10:00 11:00 1 hrs 0 mins A.01 MOVE RIG / EQUIPMENT OFF OF THE 41 -12J -9-16 TO THE 9 -20 -8-17 (8.7MILE MOVE) 11:00 12:30 1 hrs 30 mins A.02 SPOT RIG / EQUIPMENT RIG UP RIG. 12:30 13:30 1 hrs 0 mins C.06 NIPPLE DOWN WELL HEAD AND MASTER VALVE . INSTALL 6' SUB TO RELEASE PKR ,THEN NIPPLE UP PRODUCTION BOP/WH, 13:30 15:30 2 hrs 0 mins C.02 RIG UP WORK FLOOR & TBG EQUIPMENT DROP STANDING VALVE TO TEST TBG FILL TBG AND SEAT VALVE W/20 BBLS TEST TBG TO 3000 PSI. GOOD TEST. 15:30 16:30 1 hrs 0 mins C.12 RETREIVE STANDING VALVE W/ SAND LINE LAY DOWN SINKER BARS. 16:30 18:00 1 hrs 30 mins B.01 POOH/W 72 TO DERRICK EOPKR. @2425SECURE WELL. 18:00 18:30 0 hrs 30 mins C.23 SECURE WELL CLEAN TOOLS CHANGE OIL ON RIG, DRAIN TRASH PUMP.SDFN. 18:30 19:30 1 hrs 0 mins F.02 CT FROM LOCATION TO ROOSEVELT - 06:00 07:00 1 hrs 0 mins F.02 CT/SAFETY MEETING JSA JSP HSE HAND BOOK PG. 07:00 07:15 0 hrs 15 mins C.03 CHECK CSG. 1380 ON CSG GOOD. 07:15 09:45 2 hrs 30 mins A.05 RIG / EQUIPMENT DOWN RACK OUT EQUIPMENT RIG DOWN RIG. PREP EQUIPMENT TO MOVE FROM THE 41 -12J -9-16 TO THE 9 -20 -8-17 (8.7 MILE MOVE). 09:45 10:00 0 hrs 15 mins F.01 PRE TRIP

mins F.02 TRAVEL TIME FROM LOCATION TO ROOSEVELT. - 06:00 07:00 1 hrs 0 mins F.02 CT/SAFETY MEETING JSA JSP HSE HAND BOOK PG 90 CEMENT BULK TRUCKS. 07:00 15:00 8 hrs 0 mins F.99 MAINTANCE RIG WAIT FOR ORDERS FOR CEMENT JOB . 15:00 16:00 1 hrs 0 mins F.02 TRAVEL TIME FROM LOCATION TO ROOSEVELT. - 06:00 07:00 1 hrs 0 mins F.02 CT/SAFETY MEETING JSA JSP HSE HAND BOOK PG 90 CEMENT BULK TRUCKS. 07:00 15:00 8 hrs 0 mins F.99 MAINTANCE RIG WAIT FOR ORDERS FOR CEMENT JOB . 15:00 16:00 1 hrs 0 mins F.02 TRAVEL TIME FROM LOCATION TO ROOSEVELT. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$10,498

**10/30/2012 Day: 5**

**Workover**

Nabors #1416 on 10/30/2012 - Drill out cement, pressure test. - 06:00 07:00 1 hrs 0 mins F.02 CT/SAFETY MEETING JSA JSP HSE HAND BOOK PG.92 HYSTERS COILED TBG UNITS. 07:00 07:15 0 hrs 15 mins C.03 CECK PSI 0 ON BOTH SIDES. 07:15 09:00 1 hrs 45 mins B.06 RIH/W REMAING 33 STANDS TAG CEMENT TOP @ 4410 20' ABOVE CR. 09:00 10:00 1 hrs 0 mins B.04 LAY DOWN 10 JTS OF TBG FOR SWIVEL CTS.RIH OUT OF DERRICK TAG SAME SPOT. RIG UP POWER SWIVEL 10:00 10:55 0 hrs 55 mins C.11 DRILL CEMENT DOWN TO JT # 138 CR,@4430 CIRCULATE. 10:55 12:55 2 hrs 0 mins C.11 DRILL CR@ 4430 12:55 13:05 0 hrs 10 mins C.08 CIRCULATE BTMS UP. 13:05 14:05 1 hrs 0 mins C.11 SWIVEL CT DOWN TO JT 147 ON JT 139 DRILL 20' OF CEMENT UNDER CR.FALL THROUG. 14:05 14:35 0 hrs 30 mins C.08 CIRCULATE DOUBLE BTMS UP 14:35 15:00 0 hrs 25 mins C.11 RACK OUT POWER SWIVEL. 15:00 16:00 1 hrs 0 mins B.01 POOH/W 144 JTS S/N 2 JTS BIT SUB AND 4 3/4 BIT. 16:00 16:30 0 hrs 30 mins C.02 FILL & TEST CSG TO 1500 PSI HOLD 15 MIN. 15BBLs TO FILL GOOD TEST. 16:30 17:00 0 hrs 30 mins C.23 SECURE WELL DRAIN PUMP CLEAN TOOLS AND LOCATION. 17:00 18:00 1 hrs 0 mins F.02 CT FROM LOCATION TO ROOSEVELT - 06:00 07:00 1 hrs 0 mins F.02 CT/SAFETY MEETING JSA JSP HSE HAND BOOK PG.92 HYSTERS COILED TBG UNITS. 07:00 07:15 0 hrs 15 mins C.03 CECK PSI 0 ON BOTH SIDES. 07:15 09:00 1 hrs 45 mins B.06 RIH/W REMAING 33 STANDS TAG CEMENT TOP @ 4410 20' ABOVE CR. 09:00 10:00 1 hrs 0 mins B.04 LAY DOWN 10 JTS OF TBG FOR SWIVEL CTS.RIH OUT OF DERRICK TAG SAME SPOT. RIG UP POWER SWIVEL 10:00 10:55 0 hrs 55 mins C.11 DRILL CEMENT DOWN TO JT # 138 CR,@4430 CIRCULATE. 10:55 12:55 2 hrs 0 mins C.11 DRILL CR@ 4430 12:55 13:05 0 hrs 10 mins C.08 CIRCULATE BTMS UP. 13:05 14:05 1 hrs 0 mins C.11 SWIVEL CT DOWN TO JT 147 ON JT 139 DRILL 20' OF CEMENT UNDER CR.FALL THROUG. 14:05 14:35 0 hrs 30 mins C.08 CIRCULATE DOUBLE BTMS UP 14:35 15:00 0 hrs 25 mins C.11 RACK OUT POWER SWIVEL. 15:00 16:00 1 hrs 0 mins B.01 POOH/W 144 JTS S/N 2 JTS BIT SUB AND 4 3/4 BIT. 16:00 16:30 0 hrs 30 mins C.02 FILL & TEST CSG TO 1500 PSI HOLD 15 MIN. 15BBLs TO FILL GOOD TEST. 16:30 17:00 0 hrs 30 mins C.23 SECURE WELL DRAIN PUMP CLEAN TOOLS AND LOCATION. 17:00 18:00 1 hrs 0 mins F.02 CT FROM LOCATION TO ROOSEVELT

**Daily Cost:** \$0

**Cumulative Cost:** \$61,230

**10/31/2012 Day: 6**

**Workover**

Nabors #1416 on 10/31/2012 - Retrieve RBP, TIH w/ injection string, pressure test. - 06:00 07:00 1 hrs 0 mins F.02 CT/SAFETY MEETING JSA JSP HSE HANDBOOK PG 94 FOAM UNITS& FOAM TRUCKS 07:00 07:15 0 hrs 15 mins C.03 CHECK CSG. TBG. PRESSURES 0 PSI ON BOTH SIDES. 07:15 09:30 2 hrs 15 mins C.21 RIG UP PERFORATORS TO DO BOND LOG FIND CEMENT TOP @3660 HAVE PREFERRED HOT OIL HOLD 1000 PSI ON BACK SIDE WHILE LOGGING. 09:30 11:00 1 hrs 30 mins C.99 WAT FOR GO AHEAD ON CEMENT TOP DECISION FROM ENIGINEER.AND WAIT FOR CHANGE OVER. 11:00 13:30 2 hrs 30 mins B.07 RIH/W RH, X/OVER 2 3/8X2 7/8 2JT, 1 S/N 146 JTS TAG SAND @ 4720.WASH DOWN SAND.LATCH ON TO PLUG CIRCULATE BTMS UP.PULL INTO PLUG EQUALIZE 600PSI UNDERNEATH IT UNSET

PLUG POOH. 13:30 15:30 2 hrs 0 mins B.01 POOH/W RBP, RH 2 3/8X2 7/8 XOVER 2JTS,S/N,146. LAY DOWN ONE FOR TOTAL OF 147 FOR PRO DUTION STRING. 15:30 16:30 1 hrs 0 mins B.06 RIH PRODUCTION REENTRY COLLAR (.45) 2 3/8 PROFILE NIPPLE 4.11 2 3/8 PUP JT, XOVER 2 3/8 TO 2 7/8 (.54 ),PKR CE (3.31) RH 1.45 S/N (1.10).&147 JTS FOR EOT @4746.91. 16:30 17:00 0 hrs 30 mins C.02 DROP STANING VALVE PUMP 17 BBLS TO SEAT STANDING VALVE PSI TEST TO 3000PSI . 17:00 18:00 1 hrs 0 mins C.23 SECURE WELL HOLD 3000PSI ON TBG WHILE DRAIN UP PUMP CLEAN TOOLS AND LOCATION SDFN. 18:00 19:00 1 hrs 0 mins F.02 CT FROM LOCATION TO ROOSEVELT. - 06:00 07:00 1 hrs 0 mins F.02 CT/SAFETY MEETING JSA JSP HSE HANDBOOK PG 94 FOAM UNITS& FOAM TRUCKS 07:00 07:15 0 hrs 15 mins C.03 CHECK CSG. TBG. PRESSURES 0 PSI ON BOTH SIDES. 07:15 09:30 2 hrs 15 mins C.21 RIG UP PERFORATORS TO DO BOND LOG FIND CEMENT TOP @3660 HAVE PREFERRED HOT OIL HOLD 1000 PSI ON BACK SIDE WHILE LOGGING. 09:30 11:00 1 hrs 30 mins C.99 WAT FOR GO AHEAD ON CEMENT TOP DECISION FROM ENIGINEER.AND WAIT FOR CHANGE OVER. 11:00 13:30 2 hrs 30 mins B.07 RIH/W RH, X/OVER 2 3/8X2 7/8 2JT, 1 S/N 146 JTS TAG SAND @ 4720.WASH DOWN SAND.LATCH ON TO PLUG CIRCULATE BTMS UP.PULL INTO PLUG EQUALIZE 600PSI UNDERNEATH IT UNSET PLUG POOH. 13:30 15:30 2 hrs 0 mins B.01 POOH/W RBP, RH 2 3/8X2 7/8 XOVER 2JTS,S/N,146. LAY DOWN ONE FOR TOTAL OF 147 FOR PRO DUTION STRING. 15:30 16:30 1 hrs 0 mins B.06 RIH PRODUCTION REENTRY COLLAR (.45) 2 3/8 PROFILE NIPPLE 4.11 2 3/8 PUP JT, XOVER 2 3/8 TO 2 7/8 (.54 ),PKR CE (3.31) RH 1.45 S/N (1.10).&147 JTS FOR EOT @4746.91. 16:30 17:00 0 hrs 30 mins C.02 DROP STANING VALVE PUMP 17 BBLS TO SEAT STANDING VALVE PSI TEST TO 3000PSI . 17:00 18:00 1 hrs 0 mins C.23 SECURE WELL HOLD 3000PSI ON TBG WHILE DRAIN UP PUMP CLEAN TOOLS AND LOCATION SDFN. 18:00 19:00 1 hrs 0 mins F.02 CT FROM LOCATION TO ROOSEVELT.

**Daily Cost:** \$0

**Cumulative Cost:** \$77,432

**11/1/2012 Day: 7**

**Workover**

Nabors #1416 on 11/1/2012 - Pressure test tbg & csg. - 06:00 07:00 1 hrs 0 mins F.02 CT/SAFETY MEEETING JSA JSP HSE HANDBOOK PG 96 -103CRANE TRUCK AND CRANE TRUCK OPERATIONS. 07:00 07:30 0 hrs 30 mins C.03 CHECK CSG.0 TBG 2600 PSI BUMP BACK UP TO 3000PSI FOR THIRTY MIN.TEST.LOSE 100PSI. 07:30 08:00 0 hrs 30 mins C.02 BUMP PSI UP AGAIN W/ BMW HOT OIL SERVICE. HOLD FOR ANOTHER THIRTY MIN GOOD TEST. 08:00 09:30 1 hrs 30 mins C.12 RIH/W SINKER BARS JARS, AND RETRIVING TOOL FOR STANDING VALVE. FISH STANDING VALVE @4703.67. 09:30 11:30 2 hrs 0 mins C.05 RIG DOWN TBG EQUIPMENT AND WORK FLOOR, NIPPLE DOWN PRODUCTION BOP, AND NIPPLE UP INJECTION TREE. 11:30 13:00 1 hrs 30 mins C.13 MIX PKR FLUID W/60 BBLS OF FRESH WATER ON BMW HOT OIL TRUCK PUMP DOWN CSG UP TBG TO FLOW BACK TANK. 13:00 13:45 0 hrs 45 mins C.13 CHANGE INJECTION TREE TO NEW STYLE W/MASTER VALVE,SET PKR IN 15000 TENSION@4729.17. MU WH/FLANGE BOLTS. 13:45 14:15 0 hrs 30 mins C.02 PRESSURE CSG UP TO 1500 PSIWATCH FOR THIRTY MIN. NO LOSS.GOOD TEST. 14:15 15:30 1 hrs 15 mins A.99 CHANGE OVER FROM TBG EQUIPMENT TO ROD EQUIPMENT.RIG DOWN RIG & PREP EQUIPMENT TO MOVE OFF THE 9 -20 -8-17 TO THE FED 19 -1-9-17.10.9 MILE MOVE. 15:30 16:00 0 hrs 30 mins F.01 PRE TRIP INSPECTION 16:00 17:00 1 hrs 0 mins A.01 MOVE RIG / EQUIPMENT. 17:00 17:30 0 hrs 30 mins F.03 POST TRIP INSPECTION 17:30 18:30 1 hrs 0 mins A.02 SPOT RIG / EQUIPMENT GET READY TO RAISE IN THE MORN. 18:30 19:30 1 hrs 0 mins F.02 CT FROM LOCATION TO ROOSEVELT. - 06:00 07:00 1 hrs 0 mins F.02 CT/SAFETY MEEETING JSA JSP HSE HANDBOOK PG 96 -103CRANE TRUCK AND CRANE TRUCK OPERATIONS. 07:00 07:30 0 hrs 30 mins C.03 CHECK CSG.0 TBG 2600 PSI BUMP BACK UP TO 3000PSI FOR THIRTY MIN.TEST.LOSE 100PSI. 07:30 08:00 0 hrs 30 mins C.02 BUMP PSI UP AGAIN W/ BMW HOT OIL SERVICE. HOLD FOR ANOTHER THIRTY MIN GOOD TEST. 08:00 09:30 1 hrs 30 mins C.12 RIH/W SINKER BARS JARS, AND RETRIVING TOOL FOR STANDING VALVE. FISH STANDING VALVE @4703.67. 09:30 11:30 2 hrs 0 mins C.05 RIG DOWN TBG EQUIPMENT AND WORK FLOOR, NIPPLE DOWN PRODUCTION BOP, AND NIPPLE UP INJECTION

TREE. 11:30 13:00 1 hrs 30 mins C.13 MIX PKR FLUID W/60 BBLS OF FRESH WATER ON BMW HOT OIL TRUCK PUMP DOWN CSG UP TBG TO FLOW BACK TANK. 13:00 13:45 0 hrs 45 mins C.13 CHANGE INJECTION TREE TO NEW STYLE W/MASTER VALVE,SET PKR IN 15000 TENSION@4729.17. MU WH/FLANGE BOLTS. 13:45 14:15 0 hrs 30 mins C.02 PRESSURE CSG UP TO 1500 PSIWATCH FOR THIRTY MIN. NO LOSS.GOOD TEST. 14:15 15:30 1 hrs 15 mins A.99 CHANGE OVER FROM TBG EQUIPMENT TO ROD EQUIPMENT.RIG DOWN RIG & PREP EQUIPMENT TO MOVE OFF THE 9 -20 -8-17 TO THE FED 19 -1-9-17.10.9 MILE MOVE. 15:30 16:00 0 hrs 30 mins F.01 PRE TRIP INSPECTION 16:00 17:00 1 hrs 0 mins A.01 MOVE RIG / EQUIPMENT. 17:00 17:30 0 hrs 30 mins F.03 POST TRIP INSPECTION 17:30 18:30 1 hrs 0 mins A.02 SPOT RIG / EQUIPMENT GET READY TO RAISE IN THE MORN. 18:30 19:30 1 hrs 0 mins F.02 CT FROM LOCATION TO ROOSEVELT.

**Daily Cost:** \$0

**Cumulative Cost:** \$91,732

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**11/5/2012 Day: 8**

**Workover**

Rigless on 11/5/2012 - Conduct MIT - On 07/19/2012 Sarah Roberts with the EPA was contacted concerning the MIT on the above listed well. On 11/02/2012 the csg was pressured up to 1035 psig and charted for 30 minutse with no pressure loss. The well was not injecting during the test. The tbg pressure was 760 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20702-04396 - On 07/19/2012 Sarah Roberts with the EPA was contacted concerning the MIT on the above listed well. On 11/02/2012 the csg was pressured up to 1035 psig and charted for 30 minutse with no pressure loss. The well was not injecting during the test. The tbg pressure was 760 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20702-04396 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$92,632

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**Pertinent Files: [Go to File List](#)**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

NOV 27 2012

RECEIVED

NOV 30 2012

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2598-1814  
RETURN RECEIPT REQUESTED

DIV. OF OIL, GAS & MINING

Mr. J D Horrocks  
Newfield Exploration Company  
Route 3, Box 3630  
Myton, UT 84052

Re: Underground Injection Control (UIC)  
Permission to Resume Injection  
Boundary Federal 9-20-8-17 Well  
EPA ID# UT20702-04396  
API # 43-013-30690  
Monument Butte Oil Field  
Duchesne County, UT

Accepted by the  
Utah Division of  
Oil, Gas and Mining

FOR RECORD ONLY

85 17E 20

Dear Mr. Horrocks:

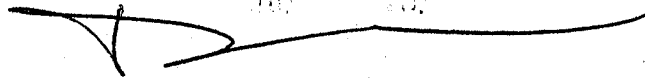
On November 19, 2012, the Environmental Protection Agency (EPA) received information from Newfield Exploration Company on the above referenced well concerning the workover and the followup mechanical integrity test (MIT) conducted on November 2, 2012. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before November 2, 2017.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056. Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,



Darcy O'Connor, Acting Director  
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Irene Cuch, Jr., Chairwoman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Reannin Tapoof, Assistant  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Richard Jenks, Councilman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Mike Natchees, Environmental  
Coordinator  
Ute Indian Tribe  
P.O. Box 190  
Fort Duchesne, Utah 84026

Ronald Wopsock, Vice-Chairman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Stewart Pike, Councilman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Frances Poowegup, Councilwoman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy,  
Minerals and Air Programs  
Ute Indian Tribe  
P.O. Box 190  
Fort Duchesne, Utah 84026

John Rogers  
Utah Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114





## NEWFIELD



## Schematic

43-013-30690

Well Name: Boundary 9-20-8-17

Surface Legal Location 20-8S-17E			API/UWI 43013306900000	Well RC 500151678	Lease	State/Province Utah	Field Name GMBU CTB7	County Duchesne
Spud Date	Rig Release Date	On Production Date 12/29/1982	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 6,942.0	

## Most Recent Job

Job Category Testing	Primary Job Type Logging	Secondary Job Type N/A	Job Start Date 10/1/2015	Job End Date 10/1/2015
-------------------------	-----------------------------	---------------------------	-----------------------------	---------------------------

TD: 7,001.0

Vertical - Original Hole, 3/2/2016 1:27:55 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
18.0			DLS (°...)	
299.9				1; Surface; 8 5/8 in; 8.097 in; 18-300 ftKB; 282.00 ft
4,474.4				9-1; Tubing; 2 7/8; 2.441; 18-4,722; 4,703.67
4,475.4				Perforated; 4,475-4,476; 10/26/2012
4,600.1				
4,722.8				9-2; Pump Seating Nipple; 2 7/8; 2.441; 4,722-4,723; 1.10
4,732.0				9-3; Retrievable Head; 4.89; 2.441; 4,723-4,724; 1.54
4,736.5				9-4; Packer; 4.89; 2.441; 4,724-4,732; 7.50
4,738.5				9-5; Cross Over; 2 7/8; 2.375; 4,732-4,732; 0.54
4,780.8				9-6; Tubing Pup Joint; 2 3/8; 1.995; 4,732-4,737; 4.11
4,791.0				9-7; XN-Nipple; 2 3/8; 1.995; 4,737-4,738; 1.45
5,294.0				9-8; Wireline Guide; 2 3/8; 1.995; 4,738-4,738; 0.54
5,297.9				Perforated; 4,765-4,781; 10/14/1983
5,310.0				Perforated; 4,785-4,791; 10/14/1983
5,314.0				Perforated; 5,294-5,298; 3/23/1983
5,315.0				Perforated; 5,295-5,299; 5/5/1983
5,780.8				Perforated; 5,310-5,314; 3/23/1983
5,788.1				Perforated; 5,311-5,315; 5/5/1983
6,153.9				Perforated; 5,775-5,781; 4/11/2002
6,247.0				Perforated; 5,775-5,781; 2/22/2006
6,278.9				Perforated; 5,783-5,788; 2/22/2006
6,334.0				Perforated; 5,783-5,788; 4/11/2002
6,688.0				Perforated; 6,130-6,154; 12/11/1982
6,942.6				Perforated; 6,130-6,154; 12/10/1982
6,984.9				Perforated; 6,240-6,247; 4/11/2002
				Perforated; 6,240-6,247; 2/22/2006
				Perforated; 6,273-6,279; 2/22/2006
				Perforated; 6,273-6,279; 4/11/2002
				Perforated; 6,324-6,334; 2/22/2006
				Perforated; 6,678-6,688; 12/3/1982
				2; Production; 5 1/2 in; 4.892 in; 18-6,985 ftKB; 6,967.00 ft

# NEWFIELD



## Newfield Wellbore Diagram Data Boundary 9-20-8-17

Surface Legal Location 20-8S-17E		API/UWI 43013306900000		Lease	
County Duchesne	State/Province Utah	Basin		Field Name GMBU CTB7	
Well Start Date 11/18/1982		Spud Date		Final Rig Release Date 12/29/1982	
Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth (ftKB) 7,001.0		Total Depth All (TVD) (ftKB) PBTD (All) (ftKB) Original Hole - 6,942.0	

### Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	11/15/1982	8 5/8	8.097	24.00	J-55	300
Production	11/27/1982	5 1/2	4.892	17.00	J-55	6,985

### Cement

#### String: Surface, 300ftKB 11/15/1982

Cementing Company BJ Services Company	Top Depth (ftKB) 18.0	Bottom Depth (ftKB) 308.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 210 SXS CLASS G + 2% CaCl + 1/4#/SK FLAKE	Fluid Type Lead	Amount (sacks) 210	Class G	Estimated Top (ftKB) 18.0

#### String: Production, 6,985ftKB 11/27/1982

Cementing Company BJ Services Company	Top Depth (ftKB) 4,600.0	Bottom Depth (ftKB) 7,001.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 623 SX BJ LITE	Fluid Type Lead	Amount (sacks) 623	Class BJ LITE	Estimated Top (ftKB) 4,600.0
Fluid Description 485 SX RFC + 10% A-10	Fluid Type Tail	Amount (sacks) 485	Class RFC	Estimated Top (ftKB) 5,800.5

#### String: Production, 6,985ftKB 4/30/1983

Cementing Company BJ Services Company	Top Depth (ftKB) 5,293.5	Bottom Depth (ftKB) 5,314.5	Full Return?	Vol Cement Ret (bbl)
Fluid Description SQUEEZED 24 BBLs INTO PERF. CEMENT WITH FLUID LOSS ADDITIVES.	Fluid Type Squeeze	Amount (sacks)	Class	Estimated Top (ftKB) 5,293.5

#### String: Production, 6,985ftKB 10/26/2012

Cementing Company Pro Petro Cementers	Top Depth (ftKB) 4,474.5	Bottom Depth (ftKB) 4,475.5	Full Return?	Vol Cement Ret (bbl)
Fluid Description PRO PETRO CEMENTERS PUMP 200 SACKS OF CEMENT THROUGH CR	Fluid Type Squeeze	Amount (sacks) 200	Class	Estimated Top (ftKB) 4,474.5

### Tubing Strings

Tubing Description					Run Date	Set Depth (ftKB)		
Tubing					10/30/2012	4,738.5		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	147	2 7/8	2.441	6.50	J-55	4,703.67	18.0	4,721.7
Pump Seating Nipple	1	2 7/8	2.441			1.10	4,721.7	4,722.8
Retrievable Head	1	4.892	2.441			1.54	4,722.8	4,724.4
Packer	1	4.892	2.441			7.50	4,724.4	4,731.9
Cross Over	1	2 7/8	2.375			0.54	4,731.9	4,732.4
Tubing Pup Joint	1	2 3/8	1.995			4.11	4,732.4	4,736.5
XN-Nipple	1	2 3/8	1.995			1.45	4,736.5	4,738.0
Wireline Guide	1	2 3/8	1.995			0.54	4,738.0	4,738.5

### Rod Strings

Rod Description				Run Date	Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

### Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
	GB2, Original Hole	4,475	4,476	4	90		10/26/2012
5	GB6, Original Hole	4,765	4,781	1	360		10/14/1983
5	GB6, Original Hole	4,785	4,791	1	360		10/14/1983
3	D2, Original Hole	5,294	5,298	1	360		3/23/1983
4	D2, Original Hole	5,295	5,299	1	360		5/5/1983
3	D2, Original Hole	5,310	5,314	1	360		3/23/1983
4	D2, Original Hole	5,311	5,315	1	360		5/5/1983
7	A3, Original Hole	5,775	5,781	4	90		4/11/2002
10	A3, Original Hole	5,775	5,781	4	90		2/22/2006
7	A3, Original Hole	5,783	5,788	4	90		4/11/2002
10	A3, Original Hole	5,783	5,788	4	90		2/22/2006



# Newfield Wellbore Diagram Data

## Boundary 9-20-8-17

### Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
2	CP1, Original Hole	6,130	6,154	1	360		12/10/1982
2	CP1, Original Hole	6,130	6,154	1	360		12/11/1982
7	CP3, Original Hole	6,240	6,247	4	90		4/11/2002
9	CP3, Original Hole	6,240	6,247	4	90		2/22/2006
7	CP3, Original Hole	6,273	6,279	4	90		4/11/2002
9	CP3, Original Hole	6,273	6,279	4	90		2/22/2006
8	CP4, Original Hole	6,324	6,334	4	90		2/22/2006
1	BGR, Original Hole	6,678	6,688	1	360		12/3/1982

### Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,360		25.0	3,500			
2	3,700						
3	2,080		30.0	3,150			
4	1,800		15.0	6,800			
5			8.0	5,500			
6	2,326		24.4	2,730			
8	2,100	0.77	14.3	3,790			
9	2,200	0.79	14.3	4,130			
10	1,850	0.75	14.3	4,045			

### Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Bulk Sand 44500 lb
2		Proppant Bulk Sand 113852 lb
3		Proppant Bulk Sand 63500 lb
4		Proppant Bulk Sand 12780 lb
5		0
6		Proppant Bulk Sand 73200 lb
8		Proppant Bulk Sand 14236 lb
9		Proppant Bulk Sand 19020 lb
10		Proppant Bulk Sand 20654 lb